

STP 9-35N13-SM-TG

**Soldier's Manual and
Trainer's Guide
MOS 35N, Wire Systems
Equipment Repairer**

FEBRUARY 2003

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**HEADQUARTERS
DEPARTMENT OF THE ARMY**

SOLDIER'S MANUAL and TRAINER'S GUIDE

MOS 35N

Wire Systems Equipment Repairer

Skill Levels 1, 2, and 3

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PREFACE

This soldier training publication (STP) is intended for soldiers holding MOS 35N, Skill Levels 1, 2, and 3, their supervisors, trainers, and commanders. It contains an MOS Training Plan that provides information needed to plan, conduct, and evaluate unit training, one of the most important jobs of military leaders. It includes standardized training objectives in the form of task summaries that can be used to train and evaluate soldiers on critical tasks supporting unit missions during wartime.

Soldiers holding MOS 35N should have access to this publication. Trainers and first-line supervisors should actively plan for soldiers' access, making it available in work areas, unit learning centers, and unit libraries. However, it is not intended for an individual copy to be provided to each MOS holder. The STP is obtainable on-line from the Reimer Digital Library (RDL) at <http://www.adtdl.army.mil/atdls.htm>.

Tasks in this manual apply to both Active and Reserve Component soldiers.

The proponent of this publication is HQ TRADOC. Submit comments and recommendations on DA Form 2028 (Recommended Changes to Publications and Blank Forms) directly to: Department of the Army, Training Directorate, Ordnance Training Division, ATTN: ATCL-AO, 401 First Street, Suite 225, Fort Lee, VA 23801-1511.

Unless this publication states otherwise, masculine nouns and pronouns do not refer exclusively to men.

Chapter 1

Introduction

1-1. General. This soldier training publication (STP) identifies individual MOS training requirements for soldiers holding MOS 35N. Commanders, trainers, and soldiers should use it to plan, conduct, and evaluate individual training in units. The STP is the primary MOS reference for supporting self-development, evaluating MOS proficiency, and training of 35N soldiers. Commanders employ two primary methods to evaluate soldiers' proficiency:

- Commander's evaluation. Commander's evaluations are local tests or assessments of soldiers' performance of MOS-specific and common tasks critical to the unit mission. They may be conducted year-round.
- Common task test (CTT). CTTs are hands-on tests used to evaluate proficiency on common tasks. Alternate written tests are provided if equipment is not available for hands-on testing.

This publication is the soldier's primary reference to prepare for a commander's evaluation of MOS-specific tasks. It contains task summaries for all critical tasks specific to the MOS and skill level (SL). Commanders and trainers will use this soldier's manual/trainer's guide (SM/TG) to plan and conduct training and commander's evaluations.

Chapter 2, Trainer's Guide, contains information needed to plan training requirements for this MOS. The trainer's guide--

- Identifies subject areas in which soldiers must be trained.
- Identifies critical tasks for each subject area.
- Specifies where soldiers are initially trained on each task.
- Recommends how often each task should be trained to sustain proficiency.
- Recommends a strategy for cross-training soldiers.
- Recommends a strategy for training soldiers to perform higher-level tasks.

Use this STP along with STP 21-1-SMCT (Soldier's Manual of Common Tasks, Skill Level 1), STP 21-24-SMCT (Soldier's Manual of Common Tasks, Skill Levels 2-4), Army training and evaluation programs (ARTEPs), FM 25-4 (How to Conduct Training Exercises), FM 25-5 (Training for Mobilization and War), FM 25-100 (Training the Force), and FM 25-101 (Battle-Focused Training) to establish effective training plans and programs that integrate soldier, leader, and collective tasks.

1-2. Task Summaries. Task summaries outline wartime performance requirements for each critical task in the STP. They provide both soldier and trainer with the information necessary to prepare, conduct, and evaluate critical task training. As a minimum, task summaries include information soldiers must know and skills they must perform to standard for each task. Following is the task summary format:

- Task number. The task number is a 10-digit number that identifies the task and skill level. Include the task number and title in any correspondence relating to the task.
- Task title. The task title identifies the action to be performed.

- **Conditions.** The task conditions statement describes the field or garrison conditions under which the task will be performed and identifies the equipment, tools, references, job aids, and supporting personnel that the soldier needs to perform the task in wartime.
- **Standards.** The task standards describe how well and to what level of proficiency the soldier must perform the task under wartime conditions. Standards are typically expressed in terms of accuracy, completeness, duration, sequence, speed, and tolerance.
- **Performance measures.** This section identifies specific actions that the soldier must accomplish to complete the task successfully. Performance measures appear in a GO/NO-GO rating format for easy evaluation. Some tasks may also include detailed training information in a Training Information Outline and an Evaluation Preparation Section. The Evaluation Preparation Section indicates necessary modifications to task performance in order to train and evaluate a task that cannot be trained to the wartime standard under wartime conditions. It may also include special training and evaluation preparation instructions to accommodate these modifications and any instructions that should be given to the soldier before evaluation.
- **References.** This section identifies references that provide more detailed explanations of task performance requirements than are given in the task summary.
- **Warnings.** Warnings alert users to the possibility of immediate personal injury or equipment damage.
- **Notes.** Notes provide additional supportive explanations or tips relating to task performance.

1-3. Soldier's Responsibilities. Each soldier is responsible for performing individual tasks identified by the first-line supervisor based on the unit's mission-essential task list (METL). Soldiers must perform tasks to the standards included in the task summary. If soldiers have questions about tasks or which tasks in this manual they must perform, they are responsible for asking their first-line supervisor for clarification. First-line supervisors know how to perform each task or can direct soldiers to appropriate training materials, including current field manuals, technical manuals, and Army regulations. Soldiers are responsible for using these materials to maintain performance. They are also responsible for maintaining performance of all common tasks listed in the SMCTs at their current skill level and below.

Periodically, soldiers should ask their supervisor or another soldier to check their performance to ensure that they can perform the tasks.

1-4. NCO Self-Development and the STP. Self-development is a key component of leader development. Leaders follow planned, progressive, sequential self-development programs developed by the individual NCO and his or her first-line supervisor to enhance and sustain military competencies. Self-development consists of individual study, research, professional reading, practice, and self-assessment. The self-development concept requires NCOs, as Army professionals, to take responsibility for remaining current in all phases of their MOS. The STP is the NCOs primary source for maintaining MOS proficiency.

Another important resource for self-development is the Army Correspondence Course Program (ACCP). Refer to DA Pamphlet 350-59 (Army Correspondence Course Program Catalog) for detailed eligibility requirements and enrollment information. The catalog is available at local education centers or on-line through the Army Institute for Professional Development (AIPD) web site, <http://atsc.army.mil/accp/aipd.htm>. The web site offers on-line enrollment.

1-5. Commander's Responsibilities. Commanders must ensure that their unit training plans prepare the unit for war by enabling soldiers to develop and sustain proficiency in their MOS and skill level tasks. Commanders should design unit-training programs to provide individual training for all soldiers assigned to the unit and to evaluate soldier proficiency routinely as part of the commander's evaluation program. The unit-training program should also integrate individual training with crew drills and other collective training. The MOS training plan provides information on which to base integration, cross-train, train-up,

and sustainment training programs. Commanders should use the MOS training plan when developing unit training plans.

1-6. Trainer's Responsibilities. Training is the business of all unit leaders. First-line leaders are the principal trainers in the unit because they directly supervise soldiers and lead crews, squads, sections, and teams.

Trainers can use the MOS training plan to determine the critical tasks each soldier is responsible for. They should tell each soldier which tasks he or she must be able to perform. Trainers should evaluate task performance to determine which tasks each soldier can or cannot perform to standard. Soldiers who cannot perform a task to standard need further training. This STP helps the trainer do what trainers get paid to do train. Developing effective training is explained in detail in FM 25-100 and FM 25-101.

Every task summary in this STP includes performance measures, which trainers may use year-round to determine if soldiers can perform critical tasks to the specified standards. The performance measures identify what the trainer needs to observe to score a soldier's performance. A blank space is provided for the trainer to check either the GO or NO-GO column for each performance measure. Some tasks require the trainer to watch the soldier perform them (evaluate the process). Other tasks call for the trainer to focus on the results of the soldier's performance (evaluate the product). Comments should not be written on the task summary.

Trainers can monitor the progress of their soldiers by recording task go/no-go results. Trainers may use DA Form 5164-R (Hands-On Evaluation) to record the performance measures a soldier passed or failed. The form, which may be locally reproduced, applies to all tasks in this STP. Trainers may have DA Form 5164-R overprinted with information unique to their training requirements before reproducing it. See Appendix A of this STP for a sample DA Form 5164-R with instructions.

Trainers may use DA Form 5165-R (Field Expedient Squad Book) to record hands-on go/no-go results for a group of soldiers (for example, a crew, section, or squad) having the same MOS and skill level. This form supports conduct of commander's evaluations, and can be used to record training results gathered in the field during slack time for all MOSs and skill levels. Use of this form is optional. See Appendix B for a sample DA Form 5165-R with instructions. Trainers should work with each soldier until tasks can be performed to specific task summary standards.

1-7. Training Support. References have been identified for each task to assist in planning and conducting training. A consolidated list of references identified by type, publication number, and title and a comprehensive glossary of acronyms, abbreviations, and definitions are included in this STP.

Chapter 2

Training Guide

2-1. General. The MOS Training Plan (MTP) identifies the essential components of a unit-training plan for individual training. Units have different training needs and requirements based on differences in environment, location, equipment, dispersion, and similar factors. Therefore, the MTP should be used as a guide for conducting unit training and not a rigid standard. The MTP consists of two parts. Each part is designed to assist the commander in preparing a unit training plan which satisfies integration, cross training, training up, and sustainment training requirements for soldiers in this MOS.

Part One of the MTP shows the relationship of an MOS skill level between duty position and critical tasks. These critical tasks are grouped by task commonality into subject areas.

Section I lists subject area numbers and titles used throughout the MTP. These subject areas are used to define the training requirements for each duty position within an MOS.

Section II identifies the total training requirement for each duty position within an MOS and provides a recommendation for cross training and train-up/merger training.

- **Duty Position column.** This column lists the duty positions of the MOS, by skill level, which have different training requirements.
- **Subject Area column.** This column lists, by numerical key (see Section I), the subject areas a soldier must be proficient in to perform in that duty position.
- **Cross Train column.** This column lists the recommended duty position for which soldiers should be cross trained.
- **Train-up/Merger column.** This column lists the corresponding duty position for the next higher skill level or military occupational specialty code (MOSC) the soldier will merge into on promotion.

Part Two lists, by general subject areas, the critical tasks to be trained in an MOS and the type of training required (resident, integration, or sustainment).

- **Subject Area column.** This column lists the subject area number and title in the same order as Section I, Part One of the MTP.
- **Task Number column.** This column lists the task numbers for all tasks included in the subject area.
- **Title column.** This column lists the task title for each task in the subject area.
- **Training Location column.** This column identifies the training location where the task is first trained to soldier training publications standards. If the task is first trained to standard in the unit, the word "Unit" will be in this column. If the task is first trained to standard in the training base, it will identify, by brevity code (ANCOC, BNCOC, etc.), the resident course where the task was taught. Figure 2-1 contains a list of training locations and their corresponding brevity codes.

AIT	Advanced Individual Training
UNIT	Trained in the Unit
BNCOC	Basic NCO Course
BCT	Basic Combat Training

Figure 2-1. Training Locations

- **Sustainment Training Frequency column.** This column indicates the recommended frequency at which the tasks should be trained to ensure soldiers maintain task proficiency. Figure 2-2 identifies the frequency codes used in this column.

BA	- Biannually
AN	- Annually
SA	- Semiannually
QT	- Quarterly
MO	- Monthly
BW	- Bi-weekly
WK	- Weekly

Figure 2-2. Sustainment Training Frequency Codes

- **Sustainment Training Skill Level column.** This column lists the skill levels of the MOS for which soldiers must receive sustainment training to ensure they maintain proficiency to soldier's manual standards.

2-2. Subject Area Codes.

Skill Level 1

- 1 Telephone Assemblies
- 2 Switchboards
- 3 Power Supplies
- 4 Automatic Telephone Central Offices

Skill Level 2

- 5 Final Inspection of Telephones
- 6 Final Inspection of Switchboards
- 7 Final Inspection of Power Supplies and Maintain Quality Control Procedures
- 8 Final Inspection of Automatic Telephone Central Offices

Skill Level 3

- 9 Administration

2-3. Duty Position Training Requirements.

DUTY POSITION	SUBJECT AREAS	CROSS TRAIN	TRAIN-UP MERGER
SL 1 Wire Systems Equipment Repairer	1-4	NA	35N20 Senior Wire Systems Equipment Repairer
SL 2 Senior Wire Systems Equipment Repairer	1-8	NA	35N30 Wire Systems Equipment Supervisor
SL 3 Wire Systems Equipment Supervisor	1-9	NA	35W40 Electronic Maintenance Chief

2-4. Critical Task List.

MOS Training Plan 35N13

CRITICAL TASKS

Subject Area	Task Number	Title	Training Location	Sust Tng Freq	Sust Tng SL
Skill Level 1					
1. Telephone Assemblies	093-35N-1009	Repair Telephone Assembly TA-312/PT	AIT	AN	1
	093-35N-1020	Repair Telephone Assembly TA-1035/U	AIT	AN	1
2. Switchboards	093-35N-1004	Repair Switchboard SB-22/PT, A/PT	AIT	AN	1
	093-35N-1008	Repair Switchboard SB-3614A (V) /TT	AIT	AN	1
3. Power Supplies	093-35N-1018	Repair Power Supply PP-6224* /U	AIT	AN	1
4. Automatic Telephone Central Offices	093-35N-1015	Repair AN/TCC-41(V) (*)	AIT	AN	1
Skill Level 2					
5. Final Inspection of Telephones	093-35N-2010	Perform Final Inspection of Telephone Set TA-312/PT	UNIT	AN	2
	093-35N-2023	Perform Final Inspection of Telephone Set TA-1035/TT	UNIT	AN	2
6. Final Inspection of Switchboards	093-35N-2006	Perform Final Inspection of Switchboard SB-22/PT	UNIT	AN	2
	093-35N-2009	Perform Final Inspection of Switchboard SB-3614A (V) TT	UNIT	AN	2
7. Final Inspection of Power Supplies and Maintain Quality Control Procedures	093-35N-2002	Maintain Quality Control	UNIT	AN	2
	093-35N-2019	Perform Final Inspection of Power Supply PP-6624/U	UNIT	AN	2
8. Final Inspection of Automatic Telephone Central Offices	093-35N-2020	Perform Final Inspection of AN/TTC-41(V)	UNIT	AN	2

CRITICAL TASKS

Subject Area	Task Number	Title	Training Location	Sust Tng Freq	Sust Tng SL
Skill Level 3					
9. Administration	093-SSG-3001	Inspect Section/Shop Safety	BNCOC	QT	3
	093-SSG-3002	Manage Section/Shop Security	BNCOC	QT	3
	093-SSG-3003	Maintain Section/Shop Calibration Program	BNCOC	QT	3
	093-SSG-3004	Submit a Quality Deficiency Report (QDR)	BNCOC	QT	3
	093-SSG-3005	Submit Equipment Improvement Recommendation (EIR)	BNCOC	QT	3
	093-SSG-3006	Plan Work Flow	BNCOC	QT	3
	093-SSG-3007	Direct Performance of Preventive Maintenance	BNCOC	QT	3
	093-SSG-3008	Provide Technical Assistance to Repairers	BNCOC	QT	3
	093-SSG-3009	Perform Initial Inspections	BNCOC	QT	3
	093-SSG-3010	Perform Final Inspections	BNCOC	QT	3
	093-SSG-3011	Write a Standing Operating Procedure (SOP)	BNCOC	QT	3
	093-SSG-3012	Perform In-Process Inspection	BNCOC	QT	3
	093-SSG-3013	Maintain Property Accountability	BNCOC	QT	3
	093-SSG-3014	Assess Battlefield Damage	BNCOC	QT	3
	093-SSG-3015	Manage Demand Supported Repair Parts Listed on the Prescribed Load List (PLL)	BNCOC	QT	3
	093-SSG-3016	Monitor Bench Stock Operations	BNCOC	QT	3
	093-SSG-3017	Monitor Shop Stock Operations	BNCOC	QT	3
	093-SSG-3019	Inspect Maintenance Support Team Operations	BNCOC	QT	3
	093-SSG-3020	Inspect Maintenance Reporting and Management Data	BNCOC	QT	3
	093-SSG-3021	Review SAMS-1 Reports	BNCOC	QT	3

Chapter 3

MOS/Skill Level Tasks

Skill Level 1

Subject Area 1: Telephone Assemblies

Repair Telephone Assembly TA-312/PT 093-35N-1009

Conditions: Given a TA-312/PT Telephone Set with a suspected fault, Technical Manual (TM) 11-5805-201-12, TM 11-5805-201-34, TM 11-5805-201-34P, DA Pam 738-750, maintenance forms; DA Forms 2404, 2407, 2407-1, and 5990-E, Tool Kit TK-105/G, Multimeter AN/PSM-45 or 45A, an operational TA-312, and repair parts.

Standards: Returned the TA-312 to an operational condition and completed all maintenance forms and records in accordance with DA Pam 738-750.

Performance Measures

GO NO-GO

NOTE: All Warnings and Cautions in the technical manuals must be observed.
Remove all watches, rings, and ID tags.

- | | | |
|---|-------|-------|
| 1. Obtained required tools, test equipment, and references. | _____ | _____ |
| 2. Completed appropriate blocks on maintenance request forms. | _____ | _____ |
| a. Reviewed symptoms in blocks 14 and/or 24 of DA Form 2407. | | |
| b. Reviewed symptoms in malfunction/remarks of DA Form 5990-E. | | |
| c. Completed DA Form 2407-1 when using DA Form 5990-E. | | |
| 3. Performed visual inspection. | _____ | _____ |
| a. Inspected mechanical components and wiring for defects that can be easily observed. | | |
| b. Documented all deficiencies on DA Form 2404. | | |
| 4. Set up test equipment in accordance with technical manual. | _____ | _____ |
| 5. Performed operational checks. | _____ | _____ |
| 6. Verified faults listed on maintenance forms and used appropriate troubleshooting chart. | _____ | _____ |
| a. Localized the probable cause by comparing the symptom identified on maintenance form with those listed in the troubleshooting chart. | | |
| b. Documented all deficiencies on DA Form 2404. | | |
| 7. Identified defective parts. | _____ | _____ |
| a. Isolated the defective components, parts, or wiring by analyzing the sources of probable causes identified in performance step 6. | | |
| b. Documented all deficiencies on DA Form 2404. | | |
| 8. Replaced/repairs defective parts and/or components. | _____ | _____ |
| a. Removed components and/or parts to be replaced, and those that prevented access to them. | | |
| b. Disassembled components and/or parts to be replaced. | | |
| c. Removed and/or replaced defective wiring, if necessary. | | |
| d. Cleaned all components or parts that were dusty, dirty, or corroded. | | |

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Performance Measures

	<u>GO</u>	<u>NO-GO</u>
e. Installed and/or repaired components or parts.		
f. Adjusted buzzer BZ-23/PT.		
g. Reassembled telephone.		
9. Performed operational checks.	—	—
10. Completed appropriate blocks on maintenance request forms.	—	—
11. Tagged defective parts for turn-in.	—	—
12. Notified supervisor upon completion of task.	—	—

Evaluation Guidance: Score the soldier GO if all steps are passed (P). Score the soldier NO-GO if any step is failed (F). If the soldier fails any step, show what was done wrong and how to do it correctly.

References

Required

DA Pam 738-750
TM 11-5805-201-12
TM 11-5805-201-23P
TM 11-5805-201-35
TM 11-5805-243-13

Related

DA Form 2404
DA Form 2407
DA Form 2407-1
DA Form 5988-E
DA Form 5990-E

**Repair Telephone Assembly TA-1035/U
093-35N-1020**

Conditions: Given TM 11-5805-761-12, TM 11-5805-761-34 Defective Digital Non-Secure Voice Telephone (DNVT) TA-1035/U, Multimeter AN/PSM-45, maintenance forms, DA Forms 2404, 2407, 2407-1, 5990-E, DA Pam 738-750, Tool Kit TK-105/G, and test equipment.

Standards: Returned the TA-1035/U to an operational condition and completed all appropriate maintenance forms and records in accordance with DA Pam 738-750.

Performance Measures

GO NO-GO

NOTE: The DNVT TA-1035/U requires power by providing a potential difference of 24 to +56 volts between the transmit-and-receive pairs of the DNVT four-wire interface. This voltage power is required to conduct the performance test outline in TM 11-5805-761-13&P. All Warnings and Cautions in the technical manuals must be observed. Remove all watches, rings, and ID tags.

- | | | |
|---|----|----|
| 1. Obtained required tools, test equipment, and references. | —— | —— |
| 2. Completed appropriate blocks on maintenance request forms. | —— | —— |
| a. Reviewed symptoms in blocks 14 and/or 24 of DA Form 2407. | | |
| b. Reviewed symptoms in malfunction/remarks of DA Form 5990-E. | | |
| c. Completed DA Form 2407-1, if using DA Form 5990-E. | | |
| 3. Performed visual inspection. | —— | —— |
| a. Inspected mechanical components and wiring for defects that could be easily observed. | | |
| b. Documented all deficiencies on DA Form 2404. | | |
| 4. Set up test equipment in accordance with technical manual. | —— | —— |
| 5. Performed operational checks. | —— | —— |
| 6. Verified faults listed on maintenance forms and used appropriate troubleshooting chart. | —— | —— |
| a. Localized the probable cause by comparing the symptom identified on the maintenance form with those listed in the troubleshooting chart. | | |
| b. Documented all deficiencies on DA Form 2404. | | |
| 7. Identified defective parts. | —— | —— |
| a. Isolated the defective components, parts, or wiring by analyzing the sources of probable causes identified in performance step 6. | | |
| b. Documented all deficiencies on DA Form 2404. | | |
| 8. Replaced/repairs defective parts and/or components. | —— | —— |
| a. Removed components and/or parts to be replaced, and those that prevented access to them. | | |
| b. Disassembled components and/or parts to be replaced. | | |
| c. Removed and/or replaced defective wiring, if necessary. | | |
| d. Cleaned all components or parts that were dusty, dirty, or corroded. | | |
| e. Replaced serviceable parts and/or components, if necessary. | | |
| f. Reassembled telephone. | | |
| 9. Performed operational checks. | —— | —— |
| 10. Completed appropriate blocks on maintenance request forms. | —— | —— |
| 11. Tagged defective parts for turn-in. | —— | —— |

Performance Measures

GO **NO-GO**

12. Notified supervisor upon completion of task.

Evaluation Guidance: Score the soldier GO if all steps are passed (P). Score the soldier NO-GO if any step is failed (F). If the soldier fails any step, show what was done wrong and how to do it correctly.

References

Required

DA Pam 738-750

TM 11-5805-761-13&P

Related

DA Form 2404

DA Form 2407

DA Form 2407-1

DA Form 5988-E

DA Form 5990-E

Subject Area 2: Switchboards

**Repair Switchboard SB-22/PT, A/PT
093-35N-1004**

Conditions: Given an SB-22/PT, A/PT Switchboard with a suspected fault, TM 11-5805-262-12, TM 11-5805-262-34, DA Pam 738-750, maintenance forms; DA Forms 2404, 2407, 2407-1 an/or 5990-E, Tool Kit TK-105/G, Multimeter AN/PSM-45, Telephone Test Set AN/PTM-6, Tone Signal Adapter TA-977/PT, Transmission Test Set AN/USM-485, WD-1 wire, and repair parts.

Standards: Returned the SB-22/PT to an operational condition and completed all appropriate maintenance forms and records in accordance with DA Pam 738-750.

Performance Measures

NOTE: All Warnings and Cautions in the technical manuals must be observed. Remove all watches, rings, and ID tags.

	<u>GO</u>	<u>NO-GO</u>
1. Obtained required tools, test equipment, and references.	_____	_____
2. Completed appropriate blocks on maintenance request forms.	_____	_____
a. Reviewed symptoms in blocks 14 and/or 24 of DA Form 2407.		
b. Reviewed symptoms in malfunction/remarks of DA Form 5990-E.		
c. Completed DA Form 2407-1 when using DA Form 5990-E.		
3. Performed visual inspection.	_____	_____
a. Inspected mechanical components and wiring for defects that could be easily observed.		
b. Documented all deficiencies on DA Form 2404.		
4. Set up test equipment in accordance with technical manual.	_____	_____
5. Performed operational checks.	_____	_____
6. Verified faults listed on maintenance forms and used appropriate troubleshooting chart.	_____	_____
a. Localized the probable cause by comparing the symptom identified on maintenance form with those listed in the troubleshooting chart.		
b. Documented all deficiencies on DA Form 2404.		
7. Identified defective parts.	_____	_____
a. Isolated the defective components, parts, or wiring by analyzing the sources of probable causes identified in performance step 6.		
b. Documented all deficiencies on DA Form 2404.		
8. Replaced/repairs defective parts and/or components.	_____	_____
a. Removed components and/or parts to be replaced, and those that prevented access to them.		
b. Disassembled components and/or parts to be replaced.		
c. Removed and/or replaced defective wiring, if necessary.		
d. Cleaned all components or parts that were dusty, dirty, or corroded.		
e. Installed repaired components or parts.		
f. Reassembled switchboard.		
9. Performed operational checks.	_____	_____
10. Completed appropriate blocks on maintenance request forms.	_____	_____
11. Tagged defective parts for turn-in.	_____	_____

Performance Measures

GO **NO-GO**

12. Notified supervisor upon completion of task.

Evaluation Guidance: Score the soldier GO if all steps are passed (P). Score the soldier NO-GO if any step is failed (F). If the soldier fails any step, show what was done wrong and how to do it correctly.

References

Required

DA Pam 738-750
TM 11-5805-262-12
TM 11-5805-262-20P
TM 11-5805-262-34
TM 11-5805-262-34P

Related

DA Form 2404
DA Form 2407
DA Form 2407-1
DA Form 5988-E
DA Form 5990-E

**Repair Switchboard SB-3614A (V) /TT
093-35N-1008**

Conditions: Given an SB-3614A with a suspected fault, TM 11-5805-201-12, TM 11-5805-650-12, TM 11-5805-749-12, TM 11-5805-749-34, DA Pam 738-750, maintenance forms, DA Forms 2404, 2407, 2407-1, 5990E, Tool Kits TK-101/G and TK-105/G, operational telephones TA-312/PT, TA-838/TT, and TA-236/PT, Printed Wiring Board Repair Kit MK-772, Multimeter AN/PSM-45, Oscilloscope AN/USM-488, PCB Extractor, Power Supply Test Adapter MX-10059/TT, Power Supply HP-6862A, Signal Generator SG-1288/G, PCB Test Adapter MX 1058/TT, Electric Surge Arrestor TS-3655/TT, Millimeter ME-448/U, Overload Ring Test Adapter MX-10067/TT, Connector Repair Tool Crimp Tool MS27828, Insertion Tool MS24256A20, Extraction Tool MS24256R20, Crimp Tool 90222-6, Extraction Tool 91048-7, Resistor 2M-57/U, Test Adapter MK-10141/TT, Transmission Test Set AN/USM-485, and repair parts.

Standards: Returned the SB-3614A to an operational condition and completed all appropriate maintenance forms and records in accordance with DA Pam 738-750.

Performance Measures	<u>GO</u>	<u>NO-GO</u>
NOTE: All Warnings and Cautions in the technical manuals must be observed. Remove all watches, rings, and ID tags.		
1. Obtained required tools, test equipment, and references.	—	—
2. Completed appropriate blocks on maintenance request forms.	—	—
a. Reviewed symptoms in blocks 14 and/or 24 of DA Form 2407.		
b. Reviewed symptoms in Malfunction/Remarks of DA Form 5990-E.		
c. Completed DA Form 2407-1 when using DA Form 5990-E.		
3. Performed visual inspection.	—	—
a. Inspected mechanical components and wiring for defects that could be easily observed.		
b. Documented all deficiencies on DA Form 2404.		
4. Set up test equipment in accordance with technical manual.	—	—
5. Performed diagnostic and operational checks.	—	—
6. Verified faults listed on maintenance forms and used appropriate troubleshooting chart.	—	—
a. Localized the probable cause by comparing the symptom identified on maintenance form with those listed in the troubleshooting chart.		
b. Documented all deficiencies on DA Form 2404.		
7. Identified defective parts.	—	—
a. Isolated the defective components, parts, or wiring by analyzing the sources of probable causes identified in performance step 6.		
b. Documented all deficiencies on DA Form 2404.		
8. Replaced/repairs defective parts and/or components.	—	—
a. Removed components and/or parts to be replaced, and those that prevented access to them.		
b. Disassembled components, parts to be replaced.		
c. Removed and/or replaced defective wiring, if necessary.		
d. Cleaned all components or parts that were dusty, dirty, or corroded.		
e. Installed repaired components or parts.		
f. Reassembled switchboard.		
9. Performed operational checks.	—	—

Performance Measures

GO **NO-GO**

10. Completed appropriate blocks on maintenance request forms.

11. Tagged defective parts for turn-in.

12. Notified supervisor upon completion of task.

Evaluation Guidance: Score the soldier GO if all steps are passed (P). Score the soldier NO-GO if any step is failed (F). If the soldier fails any step, show what was done wrong and how to do it correctly.

References

Required

DA Pam 738-750
TM 11-5805-749-12
TM 11-5805-749-34

Related

DA Form 2404
DA Form 2407
DA Form 2407-1
DA Form 5988-E
DA Form 5990-E

Subject Area 3: Power Supplies

**Repair Power Supply PP-6224* /U
093-35N-1018**

Conditions: Given a PP-6224/U Power Supply with a suspected fault, TM 11-6130-266-15, TM 11-6130-458-14, TM 11-6130-266-24P, DA Pam 738-750, DA Forms 2404, 5504, 2407, and 5990E, Tool Kit TK 105/G, magnetic retrieving tool, Multimeter AN/PSM 45A, Oscilloscope AN/USM-488, Semiconductor Test Set TS-1836/U, Voltmeter ME-545, Electrical Connector MW10M, Dummy Load DA-638/U, Test Board Extender SM-D943415, Storage Battery BB-297/U, and repair parts.

Standards: Returned the PP-6224/U Power Supply to an operational condition and completed all maintenance forms in accordance with DA Pam 738-750.

Performance Measures

GO NO-GO

NOTE: All Warnings and Cautions in the technical manuals must be observed.
Remove all watches, rings, and ID tags.

- | | | |
|---|-------|-------|
| 1. Obtained required tools, test equipment, and references. | _____ | _____ |
| 2. Completed appropriate blocks on maintenance request forms. | _____ | _____ |
| a. Reviewed symptoms in blocks 14 and/or 24 of DA Form 2407. | | |
| b. Reviewed symptoms in Malfunction/Remarks of DA Form 5990-E. | | |
| c. Completed DA Form 2407-1 when using DA Form 5990-E. | | |
| 3. Performed visual inspection. | _____ | _____ |
| a. Inspected mechanical components and wiring for defects that could be easily observed. | | |
| b. Documented all deficiencies on DA Form 2404. | | |
| 4. Set up test equipment in accordance with technical manual. | _____ | _____ |
| 5. Performed operational checks. | _____ | _____ |
| 6. Verified faults listed on maintenance forms and used appropriate troubleshooting chart. | _____ | _____ |
| a. Performed voltage and resistance measurements. | | |
| b. Checked for shorts. | | |
| c. Performed output range test. | | |
| d. Performed regulation and ripple test. | | |
| e. Performed power transfer test. | | |
| f. Performed overload/over current protection test. | | |
| g. Localized the probable cause by comparing the symptom identified on maintenance form with those listed in the troubleshooting chart. | | |
| h. Documented all deficiencies on DA Form 2404. | | |
| 7. Identified defective parts. | _____ | _____ |
| a. Isolated the defective components, parts, or wiring by analyzing the sources of probable causes identified in performance step 6. | | |
| b. Documented all deficiencies on DA Form 2404. | | |
| 8. Replaced/repairs defective parts and/or components. | _____ | _____ |
| a. Removed components and/or parts to be replaced, and those that prevented access to them. | | |
| b. Disassembled components, parts, to be replaced. | | |
| c. Removed and/or replaced defective wiring, if necessary. | | |
| d. Cleaned all components or parts that were dusty, dirty, or corroded. | | |

Performance Measures

	<u>GO</u>	<u>NO-GO</u>
e. Reassembled the assembly, replacing serviceable parts and/or components.		
9. Performed operational checks.	—	—
10. Completed appropriate blocks on maintenance request forms.	—	—
11. Tagged defective parts for turn-in.	—	—
12. Notified supervisor upon completion of task.	—	—

Evaluation Guidance: Score the soldier GO if all steps are passed (P). Score the soldier NO-GO if any step is failed (F). If the soldier fails any step, show what was done wrong and how to do it correctly.

References

Required

DA Pam 738-750
TM 11-6130-266-15
TM 11-6130-266-24P-2
TM 11-6130-458-14

Related

DA Form 2404
DA Form 2407
DA Form 2407-1
DA Form 5988-E
DA Form 5990-E

Subject Area 4: Automatic Telephone Central Offices

Repair AN/TCC-41(V) (*)
093-35N-1015

Conditions: Given an AN/TCC-41 Automatic Telephone Central Office with a suspected fault, TM 11-5805-693-12, TM 11-5805-693-34, TM 11-5805-693-34P, DA Pam 738-750, maintenance forms; DA Forms 2404, 2407, 2407-1, 5990-E, Tool Kits TK-101/G, TK-105/G, TK-144/G, and TK-90/G, Multimeter AN/PSM-45, Electric Surge Arrestor Test Set TS-3655A, and repair parts.

Standards: Returned the AN/TCC-41 to an operational condition and completed all appropriate maintenance forms and records in accordance with DA Pam 738-750.

Performance Measures

GO NO-GO

NOTE: All Warnings and Cautions in the technical manuals must be observed.
 Remove all watches, rings, and ID tags.

- | | | |
|---|-------|-------|
| 1. Obtained required tools, test equipment, and references. | _____ | _____ |
| 2. Completed appropriate blocks on maintenance request forms. | _____ | _____ |
| a. Reviewed symptoms in blocks 14 and/or 24 of DA Form 2407. | | |
| b. Reviewed symptoms in the malfunction/remarks block of DA Form 5990-E. | | |
| c. Completed DA Form 2407-1 (when using DA Form 5990-E). | | |
| 3. Performed operational systems tests. | _____ | _____ |
| 4. Verified faults listed on maintenance forms and used appropriate troubleshooting chart. | _____ | _____ |
| a. Localized the probable cause by comparing the symptom identified on the maintenance form with those listed in the troubleshooting chart. | | |
| b. Documented all deficiencies on DA Form 2404. | | |
| 5. Identified defective parts. | _____ | _____ |
| a. Isolated the defective components, parts, or wiring by analyzing the sources of probable causes identified in performance step 4. | | |
| b. Documented all deficiencies on DA Form 2404. | | |
| 6. Replaced/repaired defective parts and/or components. | _____ | _____ |
| a. Removed assemblies, components, and/or parts to be replaced, and those that prevented access to them. | | |
| b. Disassembled assemblies, components, and/or parts to be replaced. | | |
| c. Removed and/or replace defective wiring, if necessary. | | |
| d. Cleaned all components or parts that were dusty, dirty, or corroded. | | |
| e. Installed repaired component(s) or part(s) in AN/TTC-41 shelter. | | |
| f. Performed preventive maintenance, as required. | | |
| 7. Performed operational system checks. | _____ | _____ |
| 8. Completed appropriate blocks on maintenance request forms. | _____ | _____ |
| 9. Tagged defective parts for turn-in. | _____ | _____ |
| 10. Notified supervisor upon completion of task. | _____ | _____ |

Evaluation Guidance: Score the soldier GO if all steps are passed (P). Score the soldier NO-GO if any step is failed (F). If the soldier fails any step, show what was done wrong and how to do it correctly.

References

Required

DA Pam 738-750
TM 11-5805-262-34P
TM 11-5805-693-12
TM 11-5805-693-34
TM 11-5805-693-34P

Related

DA Form 2404
DA Form 2407
DA Form 2407-1
DA Form 5988-E
DA Form 5990-E

Skill Level 2

Subject Area 5: Final Inspection of Telephones

**Perform Final Inspection of Telephone Set TA-312/PT
093-35N-2010**

Conditions: Given a repaired TA-312 Telephone, TM 11-5805-201-12, TM 11-5805-201-34, DA Pam 738-750, DA Forms 2407, 2407-1, 2404, and/or 5990-E.

Standards: Performed final inspection on repaired telephone TA-312, provided technical assistance, if necessary, and ensured that the appropriate maintenance forms were completed.

Performance Measures	<u>GO</u>	<u>NO-GO</u>
1. Reviewed the symptoms listed in blocks 14 and 24 of DA Form 2407 or malfunctions/remarks block of DA Form 5990-E. a. Ensured that DA Form 5990E was supported by DA Form 2407-1, and all appropriate blocks were completed in accordance with DA Pam 738-750.	—	—
2. Performed physical tests and inspections. If telephone failed tests-- a. Informed the repairer. b. Provided technical assistance, if needed.	—	—
3. Performed signaling, ringing, transmit-and-receive efficiency tests. If telephone failed tests-- a. Informed the repairer. b. Provided technical assistance, if needed.	—	—
4. Ensured appropriate maintenance forms were completed. a. Completed inspection by block of DA Form 5990-E and ensured that the SL1 soldier completed the DA Form 2407-1. b. Completed blocks 37a, b, c, and d of DA Form 2407.	—	—

Evaluation Guidance: Score the soldier GO if all steps are passed (P). Score the soldier NO-GO if any step is failed (F). If the soldier fails any step, show what was done wrong and how to do it correctly.

References

Required

- DA Pam 738-750
- TM 11-5805-201-12
- TM 11-5805-201-23P
- TM 11-5805-201-35

Related

- DA Form 2404
- DA Form 2407
- DA Form 2407-1
- DA Form 3999-4
- DA Form 5988-E
- DA Form 5990-E

**Perform Final Inspection of Telephone Set TA-1035/TT
093-35N-2023**

Conditions: Given a repaired TA-1035/U Telephone, TM 11-5805-201-12, TM 11-5805-201-34, DA Pam 738-750, DA Forms 2407, 2407-1, and 2404, and/or DA Form 5990-E.

Standards: Performed final inspection on repaired telephone TA-1035/U, provided technical assistance, if necessary, and ensured that the appropriate maintenance forms were completed.

Performance Measures	<u>GO</u>	<u>NO-GO</u>
NOTE: The DNV T TA-1035/U requires power by providing a potential difference of 24 to +56 Volts between the transmit-and-receive pairs of the DNV T four-wire interface. This voltage power was required to perform the performance test outline in TM 11-5805-761-13&P.		
1. Reviewed the symptoms listed in blocks 14 and 24 of DA Form 2407 or malfunctions/remarks block of DA Form 5990-E.	_____	_____
a. Ensured that DA Form 5990E was supported by DA Form 2407-1 and all appropriate blocks were completed in accordance with DA Pam 738-750.		
2. Performed physical inspection of telephone.	_____	_____
3. Performed the performance tests.	_____	_____
a. Dial tone test. If test fail		
(1) Informed the repairer.		
(2) Provided technical assistance, if necessary.		
b. Performed signaling, ringing test. If telephone failed--		
(1) Informed the repairer.		
(2) Provided technical assistance, if necessary.		
c. Performed transmission test.		
(1) Informed the repairer.		
(2) Provided technical assistance, if necessary.		
4. Ensured appropriate maintenance forms were completed.	_____	_____
a. Completed inspection by block of DA Form 5990-E and ensured that the SL1 soldier completed the DA Form 2407-1. .		
b. Completed blocks 37a, b, c, and d of DA Form 2407.		
5. Returned TA-1035/U to owning unit.	_____	_____

Evaluation Guidance: Score the soldier GO if all steps are passed (P). Score the soldier NO-GO if any step is failed (F). If the soldier fails any step, show what was done wrong and how to do it correctly.

References

Required

DA Pam 738-750
TM 11-5805-761-13&P

Related

DA Form 2404
DA Form 2407
DA Form 2407-1
DA Form 3999-4
DA Form 5988-E
DA Form 5990-E

Subject Area 6: Final Inspection of Switchboards

**Perform Final Inspection of Switchboard SB-22/PT
093-35N-2006**

Conditions: Given a repaired SB-22/PT Switchboard, TM 11-5805-262-12, TM 11-5805-262-34, DA Pam 738-750, DA Form 2407, DA Form 5990-E, DA Form 2404, DA Form 2407-1, Tool Kit TK-105/G, Multimeter AN/PSM-45, Telephone Test Set AN/PTM-6, Tone Signal Adapter TA-977/PT, Transmission Test Set AN/USM-485, and WD-1 wire.

Standards: Performed final inspection on repaired switchboard SB-22, provided technical assistance if necessary, and ensured that the appropriate maintenance forms were completed.

Performance Measures	<u>GO</u>	<u>NO-GO</u>
1. Reviewed the symptoms listed in blocks 14 and 24 of DA Form 2407 or malfunction/remarks block of DA Form 5990-E. a. Ensured that DA Form 5990E was supported by DA Form 2407-1, and all appropriate blocks were completed in accordance with DA Pam 738-750.	—	—
2. Visually inspected repaired switchboard and verified correct installation. If not correct-- a. Informed the repairer. b. Provided technical assistance, if necessary.	—	—
3. Performed rectifier and push-to-talk switch test. If switchboard failed test-- a. Informed the repairer. b. Provided technical assistance, if necessary.	—	—
4. Performed line and trunk efficiency test. If switchboard failed test-- a. Informed the repairer. b. Provided technical assistance, if necessary.	—	—
5. Performed operator's pack transmission efficiency test. If switchboard failed test-- a. Informed the repairer. b. Provided technical assistance, if necessary.	—	—
6. Performed hand ringing generator efficiency test. If switchboard failed test-- a. Informed the repairer. b. Provided technical assistance, if necessary.	—	—
7. Performed operator's telephone set efficiency test. If switchboard failed test-- a. Informed the repairer. b. Provided technical assistance, if necessary.	—	—
8. Ensured appropriate maintenance forms were completed. a. Completed inspection by block of DA Form 5990-E and ensured that the SL1 soldier completed the DA Form 2407-1. . b. Completed blocks 37a, b, c, and d of DA Form 2407.	—	—
9. Returned switchboard to owning organization.	—	—

Evaluation Guidance: Score the soldier GO if all steps are passed (P). Score the soldier NO-GO if any step is failed (F). If the soldier fails any step, show what was done wrong and how to do it correctly.

References

Required

DA Pam 738-750
TM 11-5805-262-12
TM 11-5805-262-20P
TM 11-5805-262-34
TM 11-5805-262-34P

Related

DA Form 2404
DA Form 2407
DA Form 2407-1
DA Form 3999-4
DA Form 5988-E
DA Form 5990-E

**Perform Final Inspection of Switchboard SB-3614A (V) TT
093-35N-2009**

Conditions: Given a repaired SB-3614A(V)/TT Switchboard, Multimeter AN/PSM-45A, TM 11-5805-749-12, TM 11-5805-749-34, DA Pam 738-750 DA Form 2407, DA Form 2407-1, DA Form 2404, and DA Form 5990-E.

Standards: Performed final inspection on repaired switchboard SB-3614, provided technical assistance, if necessary, and ensured that the appropriate maintenance forms were completed.

Performance Measures	<u>GO</u>	<u>NO-GO</u>
All Warnings and Cautions in the technical manuals must be observed.	_____	_____
1. Reviewed the symptoms listed in blocks 14 and 24 of DA Form 2407 or malfunction/remarks block of DA Form 5990-E.	_____	_____
a. Ensured that DA Form 5990E was supported by DA Form 2407-1 and all appropriate blocks were completed in accordance with DA Pam 738-750.		
2. Visually inspected repaired switchboard and verified correct installation. If not correct--	_____	_____
a. Informed the repairer.		
b. Provided technical assistance, if necessary.		
3. Performed continuity test to verify that failure has been corrected. If test failed--:	_____	_____
a. Informed the repairer.		
b. Provided technical assistance, if necessary.		
4. Ensured that switchboard programming is correct. If not correct--	_____	_____
a. Informed the repairer.		
b. Provided technical assistance, if necessary.		
5. Performed operational and performance test. If switchboard failed test--	_____	_____
a. Informed the repairer.		
b. Provided technical assistance, if necessary.		
6. Completed blocks 37a, b, c, d of DA Form 2407 or inspected by block of DA Form 5990-E.	_____	_____
7. Returned switchboard to using organization.	_____	_____

Evaluation Guidance: Score the soldier GO if all steps are passed (P). Score the soldier NO-GO if any step is failed (F). If the soldier fails any step, show what was done wrong and how to do it correctly.

References

Required

DA Pam 738-750
 TM 11-5805-201-12
 TM 11-5805-749-12
 TM 11-5805-749-34

Related

DA Form 2404
 DA Form 2407
 DA Form 2407-1
 DA Form 3999-4
 DA Form 5988-E
 DA Form 5990-E

Subject Area 7: Final Inspection of Power Supplies and Maintain Quality Control Procedures

Maintain Quality Control
093-35N-2002

Conditions: Given in a direct support electronic maintenance shop, FM 4-30.3, DA Pam 738-750, DA Forms 3999-4, 2404, 2407-1, 2407 or 5990-E.

Standards: Task standards have been met when the SL 2 soldier has performed accurate initial, in-process, and final inspections that are vital in maintaining efficient shop operations and ensuring quality repairs.

Performance Measures	<u>GO</u>	<u>NO-GO</u>
1. Reviewed the maintenance work request envelope, DA Form 3999-4.	—	—
a. Edited/screened/verified DA Form 2407/5990-E.		
b. Ensured that DA Form 5990E was supported by DA Form 2407-1.		
c. Ensured that the work request envelope had DA Form 2404.		
2. Performed initial inspection.	—	—
a. Performed acceptance/initial inspection.		
b. Assigned repairer based on repair priority.		
c. Submitted status change "B" to maintenance control clerk when work was started.		
3. Performed in-process inspection.	—	—
4. Performed final inspection.	—	—
a. Received information from repairer.		
b. Verified that all tasks on DA Form 2407/5990-E were completed.		
c. Annotated DA Form 3999-4.		
d. Performed quality control inspection.		
e. Directed rework as needed (placed items in the holding area).		
f. Submitted status change "E" to maintenance control clerk when work was finished and "C" if other work was required.		
(1) Ensured that appropriate maintenance forms were completed		
(2) Completed inspected by block of DA Form 5990-E and ensured that DA Form 2407-1 was completed by the SL 1 soldier.		
(3) Completed blocks 37a, b, c, d of DA Form 2407.		
g. Forwarded DA Form 3999-4 with forms and records to the inspection sections.		
6. Evaluated effectiveness of the quality control program.	—	—

Evaluation Guidance: Score the soldier GO if all steps are passed (P). Score the soldier NO-GO if any step is failed (F). If the soldier fails any step, show what was done wrong and how to do it correctly.

References

Required
DA Pam 738-750
FM 4-30.3

Related
DA Form 2404
DA Form 2407
DA Form 2407-1
DA Form 3999-4
DA Form 5988-E
DA Form 5990-E

**Perform Final Inspection of Power Supply PP-6624/U
093-35N-2019**

Conditions: Given a repaired PP-6224/U Power Supply, TM 11-6130-266-15, TM 11-6130-458-14, TM 11-6130-266-24P-12, DA Pam 738-750, DA Forms 2404, 2407, 2407-1, and/or 5990E.

Standards: Performed final inspection on repaired power supply PP-6624/U, provided technical assistance, if necessary, and ensured that the appropriate maintenance forms were completed.

Performance Measures	<u>GO</u>	<u>NO-GO</u>
1. Reviewed the symptoms listed in blocks 14 and 24 of DA Form 2407 or malfunctions/remarks block of DA Form 5990-E. a. Ensured that DA Form 5990E was supported by DA Form 2407-1 and all appropriate blocks were completed in accordance with DA Pam 738-750.	—	—
2. Performed physical inspection of power supply.	—	—
3. Performed operation test of power supply. a. Performed output range test. If power supply failed test-- b. Performed regulation and ripple test. c. Performed power transfer test. d. Performed overload protection test. (1) If any test listed under performance step 3 failed-- (a) Informed repairer. (b) Provided technical assistance, if necessary.	—	—
4. Ensured appropriate maintenance forms were completed. a. Completed inspected by block of DA Form 5990-E and ensured that the SL 1 soldier completed DA Form 2407-1 by b. Completed blocks 37a, b, c, and d of DA Form 2407.	—	—
5. Returned power supply to owning unit.	—	—

Evaluation Guidance: Score the soldier GO if all steps are passed (P). Score the soldier NO-GO if any step is failed (F). If the soldier fails any step, show what was done wrong and how to do it correctly.

References

Required

- DA Pam 738-750
- TM 11-6130-266-15
- TM 11-6130-266-24P-2
- TM 11-6130-458-14

Related

- DA Form 2404
- DA Form 2407
- DA Form 2407-1
- DA Form 3999-4
- DA Form 5988-E
- DA Form 5990-E

Subject Area 8: Final Inspection of Automatic Telephone Central Offices

Perform Final Inspection of AN/TTC-41 (V)
093-35N-2020

Conditions: Given a repaired automatic switch AN/TCC-41, SB-3614A(V)/TT Switchboard, TM 11-5805-693-12, TM 11-5805-693-34& 34P, DA Pam 738-750, DA Forms 2407, 2407-1, and 2404, and/or DA Form 5990-E.

Standards: Performed final inspection on repaired automatic switch AN/TTC-41, provided technical assistance, if necessary, and ensured that the appropriate maintenance forms were completed.

Performance Measures	<u>GO</u>	<u>NO-GO</u>
1. Reviewed the symptoms listed in blocks 14 and 24 of DA Form 2407 or malfunctions/remarks block of DA Form 5990-E. a. Ensured that DA Form 5990E was supported by DA Form 2407-1 and all appropriate blocks were completed in accordance with DA Pam 738-750.	—	—
2. Performed power distribution and operation function test. If AN/TTC-41 failed test-- a. Informed repairer. b. Provided technical assistance, if necessary.	—	—
3. Performed circuit breaker and switches test. If AN/TTC-41 failed test-- a. Informed repairer. b. Provided technical assistance, if necessary.	—	—
4. Performed signal wiring and components installation test. If AN/TTC-41 failed test-- a. Informed repairer. b. Provided technical assistance, if necessary.	—	—
5. Performed system test. If AN/TTC-41 failed test-- a. Informed repairer. b. Provided technical assistance, if necessary.	—	—
6. Ensured appropriate maintenance forms were completed. a. Completed inspection by block of DA Form 5990-E and ensured that the SL 1 soldier completed DA Form 2407-1. b. Completed blocks 37a, b, c, and d of DA Form 2407.	—	—
7. Returned AN/TTC-41 to owning organization.	—	—

Evaluation Guidance: Score the soldier GO if all steps are passed (P). Score the soldier NO-GO if any step is failed (F). If the soldier fails any step, show what was done wrong and how to do it correctly.

References

Required

- DA Pam 738-750
- TM 11-5805-693-12
- TM 11-5805-693-34
- TM 11-5805-693-34P

Related

- DA Form 2404
- DA Form 2407
- DA Form 2407-1
- DA Form 3999-4
- DA Form 5988-E
- DA Form 5990-E

Skill Level 3

Subject Area 9: Administration

Inspect Section/Shop Safety

093-SSG-3001

Conditions: Perform this task given a requirement to inspect an electronic or avionics maintenance shop area and given the following references: AR 40-5, AR 385-10, DA Pam 40-501, DA Pam 385-1, TB 385-3, TB 385-4, TB MED 523, unit and local safety standing operating procedures (SOPs), and unit safety checklist. This task can be performed in a field or garrison environment.

Standards: Inspection was conducted to ensure that all Army, company, and maintenance shop safety policies, regulations, and local SOPs were followed; all safety hazards were identified; environmental risk assessment to determine high risks areas was performed, and all deficiencies were corrected. Established an inspection schedule regarding what to inspect and how frequently. Recorded deficiencies, recommended corrective actions, and retained these reports to check progress. Followed up to ensure deficiencies had been corrected.

Performance Measures	<u>GO</u>	<u>NO-GO</u>
1. Reviewed the Army, company, and maintenance shop safety policies, regulations, and local SOPs.	—	—
2. Ensured that all of the Army safety references and company and maintenance shop SOPs were being followed.	—	—
3. Planned inspections so that all areas were covered periodically.	—	—
a. Identified hazards to the environment prior to the inspection process.		
b. Assessed the probability of environmental damage/violations using environmental risk-assessment matrices before the inspection process.		
4. Scheduled the inspection so that normal operations were disrupted as little as possible.	—	—
5. Inspected areas with the greatest potential for accident severity and those having the highest accident frequency more frequently.	—	—
6. Developed a suitable checklist of items to be inspected in accordance with AR 385-10, AR 40-5, DA Pam 40-501, DA Pam 385-1, TB 385-3, TB 385-4, TB MED 523, and maintenance section/shop SOPs.	—	—
7. Inspected the maintenance section/shop to ensure that all test equipment calibration dates were current.	—	—
8. Inspected the maintenance section/shop to ensure that all equipment and benches were properly grounded.	—	—
9. Inspected the maintenance section/shop to ensure that a mounted safety board was present.	—	—
10. Inspected the maintenance section/shop to ensure that rubber floor mats or similar insulating materials were provided for each repair position.	—	—
11. Inspected the maintenance section/shop to ensure that all power attachments, plugs, and connectors were serviceable with no exposed current-carrying parts except the prongs.	—	—

Performance Measures	<u>GO</u>	<u>NO-GO</u>
12. Inspected the maintenance section/shop to ensure that all physical and high-voltage hazards had been identified.	—	—
13. Inspected the maintenance section/shop to ensure it was complying with host nation, local, state and federal environmental laws and regulations.	—	—
14. Briefed the chain of command on the results, potential high-risk areas, and recommendations from the safety inspection.	—	—
15. Identified all safety hazards and took corrective action.	—	—
16. Ensured that any deficiencies found were corrected.	—	—

Evaluation Guidance: Score the soldier GO if all steps are passed (P). Score the soldier NO-GO if any step is failed (F). If the soldier fails any step, show what was done wrong and how to do it correctly.

References

Required

AR 385-10
 AR 40-5
 DA Pam 385-1
 DA Pam 40-501
 TB 385-3
 TB 385-4
 TB MED 523

Related

AR 200-1
 AR 385-40
 DA Pam 200-1
 FM 3-04.500
 FM 4-30.3
 TB 43-0129
 TC 3-34.489

**Manage Section/Shop Security
093-SSG-3002**

Conditions: Given AR 190-13, AR 380-5, AR 380-19, AR 380-40, DA Pam 190-51, FM 19-30, and local and unit standing operating procedures (SOPs). This task can be performed in a field or garrison environment.

Standards: Ensured that all Army security policies and regulations and the maintenance shop and local SOPs were followed. Identified and reported all security deficiencies, and ensured that all deficiencies were corrected.

Performance Measures	<u>GO</u>	<u>NO-GO</u>
1. Reviewed all of the Army security policies and regulations and the maintenance shop and local SOPs.	—	—
2. Ensured a workplace risk analysis was performed.	—	—
3. Ensured that physical security policies, regulations, and SOPs were followed.	—	—
4. Ensured that classification and marking policies were followed.	—	—
5. Ensured that all security control policies and regulations were followed.	—	—
6. Ensured that personnel security and signal training policies were followed--	—	—
a. Initial security training and briefing for newly assigned personnel.		
b. Refresher security training for assigned personnel.		
c. Procedures for identifying and reporting insecurities.		
7. Ensured that subordinates followed signal security (SIGSEC) policies and regulations--	—	—
a. All Army and unit policies and regulations covering communications security (COMSEC) procedures.		
b. Ensured subordinates followed all Army and unit policies and regulations covering electronic security (ELSEC) procedures.		
8. Identified and reported all security deficiencies and ensured that all deficiencies were corrected.	—	—

Evaluation Guidance: Score the soldier GO if all steps are passed (P). Score the soldier NO-GO if any step is failed (F). If the soldier fails any step, show what was done wrong and how to do it correctly.

References

Required
AR 190-13
AR 380-19
AR 380-40
AR 380-5
DA Pam 190-51
FM 3-19.30

Related
AR 5-12
DA Pam 25-380-2
FM 24-33
FM 34-60
FM 4-30.3

**Maintain Section/Shop Calibration Program
093-SSG-3003**

Conditions: Given the maintenance section/shop calibration program, TB 43-180, TB 750-25, and company SOP. The following resources will be available: DA Form 3758-R, DA Label 80, TMDE master listing for the maintenance section/shop calibration program, and company SOP. This task can be performed in a field or garrison environment.

Standards: Maintained a master listing for all calibrated equipment assigned to the maintenance section/shop in accordance with TB 43-180, TB 750-25, and company SOPs. Reviewed the section/shop calibration listing for equipment due calibration on a monthly basis and updated status on all calibration equipment still turned in to the calibration support unit.

Performance Measures	<u>GO</u>	<u>NO-GO</u>
1. Identified all equipment listed on section/shop hand receipts that might require a calibration label--	---	---
a. Test equipment.		
b. Equipment modules.		
c. Dummy loads.		
d. Voltage test probes.		
e. RADIAC equipment.		
f. Motor pool equipment.		
g. Power supplies.		
2. Determined which equipment identified was listed in TB 43-180.	---	---
a. Identified equipment requiring calibration.		
b. Identified equipment calibration not required (CNR).		
3. Prepared DA Form 3758-R if any new equipment not listed in TB 43-180 required calibration.	---	---
4. Maintained a master listing for all calibration items in the maintenance section/shop.	---	---
5. Scheduled equipment for calibration.	---	---
a. Staggered like equipment, when possible, so that there was always equipment available on site.		
b. Assigned a higher priority for critical TMDE, when necessary.		
c. Scheduled plug-in modules and accessories for calibration with the major piece of equipment.		
d. Reviewed signature cards and orders, as required locally, to update customer files and for the first appointment.		
6. Prepared CNR labels, as required, for remaining equipment.	---	---
7. Turned in/picked up equipment from the calibration facility.	---	---
a. Turned in equipment with a minimum of accessories and covers.		
b. Obtained signed and dated receipt for equipment.		
c. Inspected equipment for damage and accessories before signing.		
d. Obtained calibration listings when available.		
8. Updated calibration listing.	---	---
a. Verified calibration due dates.		
b. Deleted entries.		
c. Added entries.		
9. Maintained temporary storage area for calibrate before use (CBU) equipment.	---	---

Performance Measures**GO** **NO-GO**

- a. Identified CBU equipment, as appropriate.
- b. Identified a limited access storage area.
- c. Prepared DA Label 80 for CBU.
- d. Updated calibration listing for CBU items.
- e. Stored equipment until required.
- f. Had equipment calibration prior to use.

Evaluation Guidance: Score the soldier GO if all steps are passed (P). Score the soldier NO-GO if any step is failed (F). If the soldier fails any step, show what was done wrong and how to do it correctly.

References**Required**

DA Form 3758-R
DA LABEL 80
TB 43-180
TB 750-25

Related

**Submit a Quality Deficiency Report (QDR)
093-SSG-3004**

Conditions: Given the requirement to submit a quality deficiency report (QDR) for a serious or recurring maintenance problem. You are given the following items: AR 725-50, DA Form 2404, DA Form 2407, DD Form 173/1, DD Form 1575, DD Form 2332, DA Pam 738-750, SF 368, and TB 43-0001-Series for equipment used. This task can be performed in a field or garrison environment.

Standards: Identified conditions that indicated a quality deficiency existed, prepared the appropriate report form, and identified and retained QDR exhibits.

Performance Measures	<u>GO</u>	<u>NO-GO</u>
1. Identified conditions that indicated a quality deficiency existed, as follows--	---	---
a. A condition in or with the equipment that was dangerous to people, other equipment, or the mission.		
b. An item or piece of equipment that did not work right or last as long as it should because of bad design or materials.		
c. Items that were not within the approved equipment specifications.		
d. Low quality workmanship.		
e. Dangerous situations due to incorrect or missing data.		
f. Maintenance problems.		
g. Conditions that prevented using the equipment.		
h. Repeated problems that took a lot of time with no solution in sight.		
i. Problems requested to be reported by the National Maintenance Point (NMP).		
2. Identified Category I deficiencies.	---	---
a. A defect that may have caused death, injury, or severe job illness.		
b. A defect that would have caused loss or major damage to a weapon system.		
c. A defect that would critically restrict the combat readiness capabilities of the unit.		
3. Sent in a Category I deficiency report.	---	---
a. Prepared SF 368 in accordance with DA Pam 738-750, Chapter 11.		
b. Prepared DD Form 173/1 in accordance with DA Pam 738-750, Chapter 11 (may be phoned in).		
c. Sent message within 48 hours after defect or problem was found.		
d. Kept one copy of the SF 368 until the Army screening point closed the case.		
e. Sent one copy of the SF 368 to the support maintenance activity.		
NOTE: Send SF 368 even if--		
(1) Correspondence indicates the problem was known to exist (unless corrective action is printed in the Equipment Improvement Recommendation and Digest).		
(2) Other units have sent in a QDR on the same problem.		
f. Identified defective equipment as exhibits.		
4. Identified Category II deficiencies (defects or recommendations that did not meet the criteria for Category I deficiencies).	---	---
Performance Measures	<u>GO</u>	<u>NO-GO</u>
5. Sent in a Category II deficiency report.	---	---
a. Prepared SF 368 in accordance with DA Pam 738-750, Chapter 11.		
b. Prepared DD Form 173/1 in accordance with DA Pam 738-750, Chapter 11.		

- c. Sent a message within 5 days after defect or problem was found.
- d. Kept one copy of the SF 368 until the Army screening point closed the case.
- e. Send one copy of the SF 368 to the support maintenance activity.

NOTE: Sent SF 368 even if--

(1) Correspondence indicates the problem was known to exist (unless corrective action was printed in the Equipment Improvement Recommendation and Digest.

(2) Other units had sent in a QDR on the same problem.

- f. Identified defective equipment as exhibits.

6. Retained QDR exhibits:

- a. Tagged each exhibit with DD Form 1575 and DD Form 2332 and classified it in a suspended supply condition code in accordance with AR 725-50.
- b. Ensured exhibits were not taken apart at organizational or support maintenance levels just to see cause of the problem.
- c. Kept the SF 368 for at least 60 days or until disposition instructions were received from the responsible command.
- d. Secured and/or segregated exhibits from all other materiel.

Evaluation Guidance: Score the soldier GO if all steps are passed (P). Score the soldier NO-GO if any step is failed (F). If the soldier fails any step, show what was done wrong and how to do it correctly.

References

Required

AR 725-50
 DA Form 2404
 DA Form 2407
 DA Pam 738-750
 DD Form 1575
 DD Form 173/1
 DD Form 2332
 SF 368
 TB 43-0001-Series

Related

AR 702-7
 AR 702-7-1
 DA Pam 738-751

**Submit Equipment Improvement Recommendation (EIR)
093-SSG-3005**

Conditions: You have found a better way to repair a piece of electronic equipment. Submit an equipment improvement recommendation (EIR), given the following items: AR 672-20, DA Pam 738-750, DD Form 173/1, and SF 368. This task can be performed in a field or garrison environment.

Standards: Prepared the appropriate report forms for recommended equipment improvement and checked AR 672-20 to see if the EIR qualified as a suggestion.

Performance Measures	<u>GO</u>	<u>NO-GO</u>
1. Suggested a method to improve the performance and/or maintenance of equipment.	—	—
a. A condition in or with the equipment that is dangerous to people, other equipment, or the mission.		
b. An item or piece of equipment that does not work right or last as long as it should because of bad design or materials.		
c. Items that are not within the approved equipment specifications.		
d. Low-quality workmanship.		
e. Dangerous situations due to incorrect or missing data.		
f. Maintenance problems.		
g. Conditions that prevent using the equipment.		
h. Repeated problems that take a lot of time with no solution in sight.		
i. Problems requested to be reported by the National Maintenance Point (NMP).		
2. Identified Category I improvements that--	—	—
a. Prevent death, injury, or severe job illness.		
b. Prevent loss or major damage to equipment.		
c. Would affect the combat readiness capabilities of the unit.		
3. Sent in a Category I equipment improvement recommendation.	—	—
a. Prepared SF 368 in accordance with DA Pam 738-750, Chapter 11.		
b. Prepared DD Form 173/1 in accordance with DA Pam 738-750, Chapter 11 (may be phoned in).		
c. Sent a message within 48 hours after defect or problem was found.		
d. Kept one copy of the SF 368 until the Army screening point closes the case.		
e. Sent one copy of the SF 368 to the support maintenance activity.		
4. Identified Category II recommendation (a recommendation that does not meet the criteria of a Category I equipment improvement recommendation).	—	—
5. Sent in a Category II deficiency report.	—	—
a. Prepared SF 368 in accordance with DA Pam 738-750, Chapter 11.		
b. Prepared DD Form 173/1 in accordance with DA Pam 738-750, Chapter 11 (may be phoned in).		
c. Sent a message within 5 days after defect or problem was found.		
d. Kept one copy of the SF 368 until the Army screening point closes the case.		
e. Sent one copy of the SF 368 to the support maintenance activity.		
6. Checked AR 672-20 to see if the EIR qualified as a suggestion.	—	—

Evaluation Guidance: Score the soldier GO if all steps are passed (P). Score the soldier NO-GO if any step is failed (F). If the soldier fails any step, show what was done wrong and how to do it correctly.

References

Required

AR 672-20
DA Pam 738-750
DD Form 173/1
SF 368

Related

DA Pam 738-751

**Plan Work Flow
093-SSG-3006**

Conditions: Perform this task given DA Forms 2407 or DA Form 55988-E/job packets with various issue priority designators, a visible index file showing the shop workload summary, and TM 38-L09-11. This task can be performed in a field or garrison environment.

Standards: Distributed all DA Forms 2407 or DA Form 5988-E/job packets by issue priority designators, highest priorities first. Ensured that the visible index file was up to date, legible, and complete according to TM 38-L09-11.

Performance Measures	<u>GO</u>	<u>NO-GO</u>
1. Arranged the DA Forms 2407/job packets by issue priority designators, highest priorities first.	—	—
2. Used the DA Forms 2407/job packets in the same order to assign jobs to repairers.	—	—
3. Monitored the work as the jobs went through the repair process.	—	—
4. Assigned new jobs to the repairers as they completed the ones they were assigned.	—	—
5. Reviewed all paperwork within the job packets for completeness.	—	—
6. Updated the visible index file.	—	—

Evaluation Guidance: Score the soldier GO if all steps are passed (P). Score the soldier NO-GO if any step is failed (F). If the soldier fails any step, show what was done wrong and how to do it correctly.

References

Required

- DA Form 2407
- DA Form 2407-1
- DA Form 5990-E
- TM 38-L09-11

Related

- DA Pam 738-750
- DA Pam 738-751
- FM 4-30.3

**Direct Performance of Preventive Maintenance
093-SSG-3007**

Conditions: Perform this task given personnel to perform preventive maintenance, DA Form 2408-14, DA Form 2404 or DA Form 5988-E, DD Form 314, DA Pam 738-750, DA Pam 738-751, and Vehicle -10 series technical manuals. This task can be performed in a field or garrison environment.

NOTE: All the information from DA Form 2408-14 is now included in DA Form 5988-E.

Standards: Performed all preventive maintenance checks and services (PMCS) according to the applicable -10 series technical manuals. Completed DA Form 2404 or DA Form 5988-E, DA Form 2408-14, and DD Form 314 according to DA Pam 738-750 or DA Pam 738-751.

Performance Measures	<u>GO</u>	<u>NO-GO</u>
1. Coordinated with the motor pool section prior to performing section/shop vehicle preventive maintenance checks and services (PMCS).	—	—
2. Reviewed the DD Form 314 and the applicable -10 series technical manuals to conduct weekly vehicle PMCS.	—	—
3. Identified hazards to the environment before starting preventive maintenance.	—	—
4. Assigned jobs and ensured that repairers knew what PMCS must be performed.	—	—
5. Spot-checked the work being performed and ensured that the repairers were using the applicable technical manuals.	—	—
6. Assessed the probability of environmental damage/violations using environmental risk-assessment matrices during preventive maintenance.	—	—
7. Spot-checked corrective actions taken for all defects listed on DA Form 2404.	—	—
8. Coordinated with the maintenance sergeant to repair vehicles requiring services beyond the driver's responsibility. <ul style="list-style-type: none"> a. Ensured the repairer placed a drip pan under any equipment leaking fluids onto the ground. b. Made sure parts for repair, which were not available, were entered on DA Form 5988-E or DA Form 2408-14. 	—	—
9. Checked the DD Form 314 for correctness.	—	—
10. Reported vehicle statuses to section/shop supervisor.	—	—
11. Briefed the chain of command on any observed environmental potential high-risk areas during preventive maintenance.	—	—

Evaluation Guidance: Score the soldier GO if all steps are passed (P). Score the soldier NO-GO if any step is failed (F). If the soldier fails any step, show what was done wrong and how to do it correctly.

References

Required

DA Form 2404
 DA Form 2408-14
 DA Form 5988-E
 DA Pam 738-750
 DA Pam 738-751
 DD Form 314

Related

AR 200-1
 DA Pam 200-1
 FM 4-30.3
 TC 3-34.489

Provide Technical Assistance to Repairers
093-SSG-3008

Conditions: A repairer in your electronic/avionic maintenance shop requires technical assistance. Provide assistance given DA Pam 738-750, DA Pam 738-751, and TB 385-4. This task can be performed in a field or garrison environment.

Standards: Provided technical assistance that enabled the repairer to perform the repair procedures correctly.

Performance Measures	<u>GO</u>	<u>NO-GO</u>
1. Determined the type of assistance needed by the repairer, such as isolating the malfunction, repairing the malfunction, or making proper entries on the paperwork.	—	—
2. Reviewed DA Form 2404/DA Form 5988-E and DA Form 2407/DA Form 5990-E to determine reason for maintenance or repair.	—	—
3. Verified repairer observed WARNING, CAUTION, and NOTE statements in applicable references and observed all safety precautions.	—	—
4. Reviewed the repair procedures performed by the repairer.	—	—
5. Provided technical assistance to the repairer.	—	—
6. Counseled repairer on areas of technical weakness.	—	—
7. Recommended technical material and training to increase repairer's expertise.	—	—

Evaluation Guidance: Score the soldier GO if all steps are passed (P). Score the soldier NO-GO if any step is failed (F). If the soldier fails any step, show what was done wrong and how to do it correctly.

References

Required

DA Form 5988-E
DA Form 5990-E
DA Pam 738-750
DA Pam 738-751
TB 385-4

Related

DA Form 2404
DA Form 2407

Perform Initial Inspections
093-SSG-3009

Conditions: Given the applicable technical manuals, equipment to be inspected, DA Form 2404 or DA Form 5988-E, DA Form 2407 or DA Form 5990-E, DA Pam 738-750, and DA Pam 738-751. This task can be performed in a field or garrison environment.

Standards: Performed the initial inspection by ensuring that the equipment was reparable according to the applicable technical manuals, all defects had been found, and all maintenance forms were completed according to DA Pam 738-750 or DA Pam 738-751.

Performance Measures	<u>GO</u>	<u>NO-GO</u>
1. Checked submitted paperwork for completeness and accuracy.	—	—
2. Inspected the equipment for physical damage and determined if it was feasible to repair the equipment.	—	—
3. Ensured that operator maintenance had been performed on the equipment.	—	—
4. Inventoried the equipment to ensure that it was complete.	—	—
5. Ensured that all modification work orders (MWOs) had been completed.	—	—
6. Performed self-tests or checks on the equipment, if necessary.	—	—
7. Recorded all defects or reasons for rejecting the equipment on DA Form 2404 or DA Form 5899-E.	—	—

Evaluation Guidance: Score the soldier GO if all steps are passed (P). Score the soldier NO-GO if any step is failed (F). If the soldier fails any step, show what was done wrong and how to do it correctly.

References

Required

- DA Form 2404
- DA Form 2407
- DA Form 5988-E
- DA Form 5990-E
- DA Pam 738-750
- DA Pam 738-751

Related

- DA Pam 750-1
- FM 4-30.3
- TM 750-245-4

Perform Final Inspections

093-SSG-3010

Conditions: Given the applicable technical manuals, equipment to be inspected, DA Form 2404 or DA Form 5988-E1, DA Form 2407 or DA Form 5990-E, DA Pam 738-750, and DA Pam 738-751. This task can be performed in a field or garrison environment.

Standards: Performed final inspection. Ensured that the equipment was complete according to the applicable technical manuals, all defects identified in previous inspections have been corrected, any additional defects have been recorded on DA Form 2404 or DA Form 5988-E, and all forms were completed according to DA Pam 738-750 or DA Pam 738-751.

Performance Measures

	<u>GO</u>	<u>NO-GO</u>
1. Checked the equipment to determine if it was complete and that all defects found on the initial and in-process inspections have been corrected.	—	—
2. Ensured that all forms and records were complete and correct.	—	—
3. Recorded any additional defects on DA Form 2404 or DA Form 5988-E and returned the equipment to production control.	—	—
4. Signed and dated DA Form 2407 or DA Form 5990-E when the equipment passed inspection.	—	—

Evaluation Guidance: Score the soldier GO if all steps are passed (P). Score the soldier NO-GO if any step is failed (F). If the soldier fails any step, show what was done wrong and how to do it correctly.

References

Required

- DA Form 2404
- DA Form 2407
- DA Form 5988-E
- DA Form 5990-E
- DA Pam 738-750
- DA PAM 738-751

Related

- DA Pam 750-1
- FM 4-30.3
- TM 750-245-4

**Write a Standing Operating Procedure (SOP)
093-SSG-3011**

Conditions: Given the unit's old standing operating procedure (SOP), AR 750-1, DA Pam 600-67, FM 4-30.3 (FM 9-43-1), FM 24-16, FM 101-5, and TC 43-4. This task can be performed in a field or garrison environment.

Standards: Wrote a standing operating procedure (SOP) that was reviewed by the supervisor/commander and approved by the commander/supervisor. Implemented all recommended changes.

Performance Measures	<u>GO</u>	<u>NO-GO</u>
1. Developed a basic SOP format to ensure it met organization's or element's specific needs and/or requirements for the maintenance facility, to include: <ul style="list-style-type: none"> a. Purpose statement. b. Scope statement. c. Organization statement. d. Conformity statement. e. References. f. Annexes. 	—	—
2. Included guidance in the SOP on the following as they pertained to the maintenance facility: <ul style="list-style-type: none"> a. Personnel administration. b. Security. c. Security and intelligence. d. Area security. e. Physical security of weapons and property. f. Safety program. g. Maintenance operations. h. Management of hand receipts. i. Standard warnings. j. Alert procedures. k. Nuclear, biological, and chemical (NBC) warfare. l. Defense against nuclear attack. m. Logistics. n. Motor pool operations. o. Motor movement and traffic control. p. Tactical operations. 	—	—
3. Ensured that all references used were current.	—	—
4. Staffed the draft through the supervisor/commander.	—	—
5. Implemented any approved SOP changes.	—	—
6. Had the final version of the SOP signed by the supervisor/commander.	—	—

Evaluation Guidance: Score the soldier GO if all steps are passed (P). Score the soldier NO-GO if any step is failed (F). If the soldier fails any step, show what was done wrong and how to do it correctly.

References

Required
AR 750-1
DA Pam 600-67
FM 101-5

Related

References

Required

FM 24-16

FM 4-30.3

TC 43-4

Related

Perform In-Process Inspection
093-SSG-3012

Conditions: Given applicable inspection forms, a repairer performing repairs on equipment, applicable technical manuals, DA Pam 738-750, and DA Pam 738-751. This task can be performed in a field or garrison environment.

Standards: Performed in-process inspection. Ensured that the proper tools and equipment were being used and all safety rules and warnings were followed according to the applicable technical manuals. Completed all forms according to DA Pam 738-750 or DA Pam 738-751. Reported inspection results.

Performance Measures	<u>GO</u>	<u>NO-GO</u>
1. Ensured that the proper tools and equipment were used.	—	—
2. Ensured that the proper repair procedures were followed.	—	—
3. Ensured that only authorized repair parts and supplies were used.	—	—
4. Ensured that only authorized repairs were performed on the equipment.	—	—
5. Ensured that only authorized personnel made the repairs.	—	—
6. Ensured that all safety rules and warnings were followed.	—	—
7. Ensured that all forms were filled out correctly.	—	—
8. Made an oral or written report of the inspection to the repair section chief and the quality control section supervisor.	—	—

Evaluation Guidance: Score the soldier GO if all steps are passed (P). Score the soldier NO-GO if any step is failed (F). If the soldier fails any step, show what was done wrong and how to do it correctly.

References

Required

DA Pam 738-750
DA Pam 738-751

Related

FM 4-30.3
TM 750-245-4

**Maintain Property Accountability
093-SSG-3013**

Conditions: Perform this task given a quarterly review of all hand receipts with hand-receipt holders in the maintenance section/shop, issued new equipment, and tagged unserviceable equipment for turn-in; AR 25-400-2, AR 710-2, DA Form 2062, DA Pam 710-2-1, hand receipts, applicable equipment, and applicable technical manuals. This task can be performed in a field or garrison environment.

Standards: Issued supplies and equipment to hand receipt holders while maintaining property and supply accountability.

Performance Measures	<u>GO</u>	<u>NO-GO</u>
1. Notified hand receipt holders of quarterly inventory.	—	—
2. Reviewed file copies of all hand receipts and signature cards for each maintenance section/shop.	—	—
3. Assembled all new equipment to be issued into separate groups for issuing to hand receipt holders during the quarterly inventory.	—	—
4. Issued new equipment to hand receipt holders before inventorying.	—	—
5. Inventoried hand receipts.	—	—
6. Updated each hand receipt holder's equipment shortage list, as needed.	—	—
7. Ensured that only authorized personnel on the hand-receipt holder signature card signed the hand receipt.	—	—
8. Ensured that all forms were filled out correctly.	—	—
9. Filed hand receipts in appropriate hand receipt holder files.	—	—

Evaluation Guidance: Score the soldier GO if all steps are passed (P). Score the soldier NO-GO if any step is failed (F). If the soldier fails any step, show what was done wrong and how to do it correctly.

References

Required

- AR 25-400-2
- AR 710-2
- DA Form 2062
- DA Pam 710-2-1

Related

Assess Battlefield Damage
093-SSG-3014

Conditions: Supervise the performance of an organizational maintenance team or a direct support maintenance support team (MST) performing battlefield assessment given a disabled vehicle or equipment, repairers to assess the equipment, applicable technical manuals -10, -20, -30, repair parts manuals, tool kits, DA Form 2404 or DA Form 5988-E, DA Form 2407 or DA Form 5990-E, DA Pam 738-750, DA Pam 738-751, DD Form 1577, DD Form 1577-1, DD Form 1577-2, DD Form 1577-3, FM 4-30.3 (FM 9-43-1), and FM 9-43-2. This task can be performed in a field or garrison environment.

Standards: Supervised the organizational maintenance team or direct support MST that identifies and performs repairs needed to restore a disabled piece of equipment to the minimum essential combat capabilities necessary to support a specific combat mission or to enable the equipment to self-recover. Completed all required paperwork according to DA Pam 738-750, DA Pam 738-751, FM 4-30.3 (FM 9-43-1), and FM 9-43-2.

Performance Measures	<u>GO</u>	<u>NO-GO</u>
1. Briefed the organizational maintenance team or direct support MST on the upcoming mission to assess battlefield damage: <ul style="list-style-type: none"> a. Identified point of contact at unit/site. b. Identified the equipment to be assessed for battlefield damage. c. Pointed out that the equipment was needed for the upcoming mission. d. Explained logistics support. e. Planned primary and secondary routes to unit. f. Ensured that team received a copy of supported units' radio frequencies and call signs. 	—	—
2. Monitored assignment of personnel to the team according to their qualifications and availability to meet mission needs.	—	—
3. Arranged for transportation to the site.	—	—
4. Ensured that the proper battlefield assessment procedures were followed: <ul style="list-style-type: none"> a. Reviewed the operator/crew assessment and the safety checks made. b. Interviewed the operator/crew, if available. c. Conducted visual inspection. d. Performed self-tests. e. Tested equipment with the organizational/direct support maintenance equipment. 	—	—
5. Ensured that the MST provided technical assistance to the organizational maintenance team, as required.	—	—
6. Ensured that the MST prioritized repairs according to battlefield damage time guidelines.	—	—
7. Ensured that the following required maintenance forms were filled out correctly in accordance with DA Pam 738-750 and DA Pam 738-751: <ul style="list-style-type: none"> a. DA Form 2404 or DA Form 5988-E. b. DA Form 2407 or DA Form 5990-E. c. DD Form 1577. d. DD Form 1577-1. e. DD Form 1577-2. f. DD Form 1577-3. 	—	—
8. Ensured a system assessment summary was filled out correctly and turned in.	—	—

Evaluation Guidance: Score the soldier GO if all steps are passed (P). Score the soldier NO-GO if any step is failed (F). If the soldier fails any step, show what was done wrong and how to do it correctly.

References

Required

DA Form 2404
DA Form 2407
DA Form 5988-E
DA Form 5990-E
DA Pam 738-750
DA Pam 738-751
DD 1577
DD Form 1577-1
DD Form 1577-2
DD Form 1577-3
FM 4-30.3

Related

FM 4-30.3
TM 750-245-4

**Manage Demand Supported Repair Parts Listed on the Prescribed Load List (PLL)
093-SSG-3015**

Conditions: This task will be conducted during the normal performance of daily duties within an electronic/avionics maintenance shop. Manage demand-supported repair parts for an electronic/avionics maintenance shop given the following items: AR 710-2, DA Pam 710-2-1, DA Form 2063-R, DA Form 2064, DA Form 3318, copy of FEDLOG disks, unit's initial mandatory parts list (IMPL), unit's prescribed load list (PLL), and technical part manuals. This task can be performed in a field or garrison environment.

Standards: Completed review and corrected the PLL in accordance with the equipment technical parts manual, AR 710-2, and DA Pam 710-2-1 for the electronic/avionic repair parts listed on the PLL.

Performance Measures	<u>GO</u>	<u>NO-GO</u>
1. Reviewed the unit's PLL for electronic/avionics maintenance shop's repair parts.	—	—
2. Verified that the electronic/avionics shop's repair parts qualify to be on the PLL list.	—	—
3. Reviewed demand-supported unit maintenance repair parts documents and ensured they met the following: <ul style="list-style-type: none"> a. Three demands were made within the control period of 180 days for Active Army. b. Parts are essential and have a maintenance use code of "O" (except for nontactical telecommunications systems, air traffic control, or lifesaving systems). 	—	—
4. Reviewed nondemand-supported unit maintenance repair parts documents and ensured they met the following requirements: <ul style="list-style-type: none"> a. Approval by the first general officer staff level in the chain of command. b. Parts essential with a maintenance use code of "O" (except for nontactical telecommunications systems, air traffic control, or lifesaving systems). 	—	—
5. Reviewed the initial stockage of repair parts for newly introduced end items as identified by support list allowance card (SLAC) deck. <ul style="list-style-type: none"> a. The stockage level will not be reduced the first year. b. If the end item is under warranty, the one-year will begin on expiration of warranty. 	—	—
6. Reviewed the mandatory stockage of repair parts as identified in the IMPL.	—	—

Evaluation Guidance: Score the soldier GO if all steps are passed (P). Score the soldier NO-GO if any step is failed (F). If the soldier fails any step, show what was done wrong and how to do it correctly.

References

Required	Related
AR 710-2	FM 4-30.3
DA Form 2063-R	
DA Form 2064	
DA Form 3318	
DA Pam 710-2-1	
FEDLOG	

**Monitor Bench Stock Operations
093-SSG-3016**

Conditions: Perform this task given AR 710-2, DA Pam 710-2-2, and a copy of FEDLOG disks. This task can be performed in a field or garrison environment.

Standards: Maintained bench stock in according with AR 710-2 and DA Pam 710-2-2.

Performance Measures	<u>GO</u>	<u>NO-GO</u>
1. Ensured that the bench stock was made up of low-cost expendable items.	—	—
2. Ensured that the bench stock was stored near the work area.	—	—
3. Ensured that bench stock replenishment tags and lists were maintained with the bench stock.	—	—
4. Ensured that bench stock was ordered on a prescribed schedule or as needed.	—	—
5. Ensured that the bench stock was ordered under the correct Urgency of Need Designator (UND).	—	—
6. Ensured that the bench stock was reviewed semiannually.	—	—

Evaluation Guidance: Score the soldier GO if all steps are passed (P). Score the soldier NO-GO if any step is failed (F). If the soldier fails any step, show what was done wrong and how to do it correctly.

References

Required

AR 710-2
DA Pam 710-2-2
FEDLOG

Related

**Monitor Shop Stock Operations
093-SSG-3017**

Conditions: Perform this task given a current copy of the shop stock list, AR 710-2, DA Pam 710-2-2, and a copy of FEDLOG disks. This task can be performed in a field or garrison environment.

Standards: Maintained the shop stock according to AR 710-2 and DA Pam 710-2-2.

Performance Measures	<u>GO</u>	<u>NO-GO</u>
1. Ensured repair parts and consumables listed on the shop stock met the criteria listed in AR 710-2 and DA Pam 710-2-2.	—	—
2. Ensured each item was demand-supported.	—	—
3. Ensured stockage levels were developed in accordance with DA Pam 710-2-2.	—	—
4. Ensured excess stocks were turned in within 10 days of review.	—	—
5. Ensured replenishment of stock was based on the reorder point (ROP).	—	—
6. Ensured controlled cryptographic item (CCI) repair parts required by communications security (COMSEC) maintenance activities for diagnostic purpose were hand receipted on temporary loan.	—	—
7. Ensured the shop stock was inventoried during the scheduled review period.	—	—
8. Ensured the shop stock list was signed by the unit commander and submitted to the supply support activity (SSA).	—	—

Evaluation Guidance: Score the soldier GO if all performance measures are performed correctly. Score the soldier NO-GO if any performance measure was performed incorrectly. If the soldier fails any performance measure, show the soldier what was done wrong and how to perform it correctly.

References

Required

AR 710-2
DA Pam 710-2-2
FEDLOG

Related

**Inspect Maintenance Support Team Operations
093-SSG-3019**

Conditions: Perform this task given the necessary personnel to perform an electronic/avionics maintenance support team operation, DA Pam 611-21, DA Pam 738-750, DA Pam 738-751, and FM 4-30.3 (FM 9-43-1). This task can be performed in a field or garrison environment.

Standards: Ensured the correct military occupational specialty holders were assigned to a support team, briefed the team, and provided the team with transportation.

Performance Measures	<u>GO</u>	<u>NO-GO</u>
1. Monitored assigned personnel according to their qualifications and availability.	—	—
2. Arranged for transportation to the site.	—	—
3. Briefed the support team on mission requirements.	—	—
a. Identified point of contact at unit.		
b. Identified equipment needed for the support mission.		
c. Explained logistics support.		
d. Planned primary and secondary routes to unit.		
e. Ensured that the team received a copy of supported units' radio frequencies and call signs.		
4. Provided technical assistance to the support team, as required.	—	—
5. Ensured that all maintenance forms were filled out correctly.	—	—

Evaluation Guidance: Score the soldier GO if all steps are passed (P). Score the soldier NO-GO if any step is failed (F). If the soldier fails any step, show what was done wrong and how to do it correctly.

References

Required

DA Pam 611-21
DA Pam 738-750
DA Pam 738-751
FM 4-30.3

Related

STP 21-1-SMCT
STP 21-24-SMCT

**Inspect Maintenance Reporting and Management Data
093-SSG-3020**

Conditions: As a senior repairer, one of your responsibilities is to inspect the paperwork used in an electronic/avionics maintenance facility. You must inspect and manage all of the maintenance forms and records used in reporting the maintenance status for equipment repaired in the maintenance facility. The following forms, records and publications will be available if needed for each piece of equipment job-ordered: DA Form 2402, DA Form 2404, DA Form 2405, DA Form 2407, DA Form 2407-1, DA Form 2408-12, DA Form 2408-13, DA Form 2408-13-1, DA Form 2410, DD Form 1574, DD Form 1574-1, DD Form 1575, DD Form 1575-1, DD Form 1576, DD Form 1576-1, DD Form 1577, DD Form 1577-1, DD Form 1577-2, DD Form 1577-3, DA Pam 738-750, and DA Pam 738-751. This task can be performed in a field or garrison environment.

Standards: Inspected the electronic/avionics maintenance forms and records for errors and forms missing from the job packets.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Located closed out and active job order packets within the electronic/avionics maintenance facility.	—	—
2. Matched all job-ordered equipment serial numbers with closed out and active job packets within the electronic/avionics maintenance facility.	—	—
3. Ensured that all required forms and records were in the job order packets.	—	—
4. Verified all forms and records within the job packets were properly completed.	—	—
5. Ensured that all discrepancies had been corrected.	—	—
6. Ensured that all forms and reports were distributed or filed in accordance with Department of Army Pamphlets and Army Regulations.	—	—

Evaluation Guidance: Score the soldier GO if all steps are passed (P). Score the soldier NO-GO if any step is failed (F). If the soldier fails any step, show what was done wrong and how to do it correctly.

References

Required

- DA Form 2402
- DA Form 2404
- DA Form 2405
- DA Form 2407
- DA Form 2407-1
- DA Form 2408-12
- DA Form 2408-13
- DA Form 2408-13-1
- DA Form 2410
- DA Pam 738-750
- DA Pam 738-751
- DD Form 1574
- DD Form 1574-1
- DD Form 1575
- DD Form 1575-1
- DD Form 1576
- DD Form 1576-1
- DD Form 1577
- DD Form 1577-1

Related

- FM 4-30.3
- TM 38-L09-11

References

Required

DD Form 1577-2

DD Form 1577-3

Related

**Review SAMS-1 Reports
093-SSG-3021**

Conditions: Perform this task given SAMS-1 system installed, completed set of required SAMS-1 reports and forms, AISM 25-L21-AHN-ZZZ-EM, DA Pam 738-750, DA Pam 738-751, and FM 4-30.3 (FM 9-43-1). This task can be performed in a field or garrison environment.

NOTE: This task may be performed in an NBC environment.

Standards: Reviewed all required SAMS-1 reports and forms and corrected discrepancies according to AISM 25-L21-AHN-ZZZ-EM and DA Pam 738-750 or DA Pam 738-751. Filed all reports properly and forwarded copies as required.

Performance Measures	<u>GO</u>	<u>NO-GO</u>
1. Ensured that all required SAMS-1 reports and forms required for electronic/avionics maintenance operations were being used.	—	—
2. Reviewed new copies of all SAMS-1 reports and forms needed to run the electronic/avionics maintenance operations.	—	—
3. Compared the previous SAMS-1 reports and forms with the newly printed reports and forms for discrepancies.	—	—
4. Reviewed the new SAMS-1 reports and forms for discrepancies.	—	—
5. Ensured that all discrepancies were corrected.	—	—
6. Ensured that all SAMS-1 reports and forms were distributed or filed in accordance with Army regulations.	—	—

Evaluation Guidance: Score the soldier GO if all steps are passed (P). Score the soldier NO-GO if any step is failed (F). If the soldier fails any step, show what was done wrong and how to do it correctly.

References

Required	Related
AISM 25-L21-AHN-ZZZ-EM	
DA Pam 738-750	
DA Pam 738-751	
FM 4-30.3	

CHAPTER 4

Duty Position Tasks

DUTY POSITION	SUBJECT AREAS	CROSS-TRAIN	TRAIN-UP MERGER
SL 1 Wire Systems Equipment Repairer	1-4	NA	35N20 Senior Wire Systems Equipment Repairer
SL 2 Senior Wire Systems Equipment Repairer	1-8	NA	35N30 Wire Systems Supervisor
SL 3 Wire Systems Supervisor	1-9	NA	35W40 Electronic Maintenance Chief

GLOSSARY

AIMS	automated information systems manual
*AIT	advanced individual training
AAR	after-action review
ACCP	Army Correspondence Course Program
AIPD	Army Institute of Professional Development
AN	annually
ANCOC	advanced noncommissioned officers course
AR	Army regulation
ARTEP	Army Training and Evaluation Program
ASI	additional skill identifier
AT	annual training
ATRRS	Army Training and Resources System
BA	biannually
BCT	basic combat training
BNCOC	basic noncommissioned officer course
BOI	basis of issue
CBU	calibration before use

STP 9-35N13-SM-TG

CCI

controlled cryptographic item

CE

communications-electronics

CNR

calibration not required

common tasks

Critical tasks for which all soldiers at a given skill level are accountable, regardless of MOS.

COMSEC

communications security

cont

continued

critical task

A collective or individual task determined to be essential to wartime mission, duty accomplishment, or survivability. Critical individual tasks are trained in the training base and/or unit, and they are reinforced in the unit.

cross training

Systematic training of soldiers on tasks related to another duty position.

CTT

common task test

DA

Department of the Army

DA Pam

Department of the Army pamphlet

DD

Department of Defense

DNVT

digital nonsecure voice telephone

DS

direct support

DS/GS

direct support/general support

duty position

Duty positions are determined by military occupational specialties (MOSs), which are subdivided into five major skill levels (SLs). These SLs are further subdivided into related individual tasks that identify a soldier's SL or job.

EIR

equipment improvement recommendation

ELSEC

electronic security

F

fail/failed

FEDLOG

Federal logistics information system that allows retrieval of information from the FedLog Information System (FLIS). Updated monthly on CD-ROM by the Defense Logistics Information Service (DLIS).

FM

field manual

GS

general support

GSE

ground support equipment

HQ

headquarters

ID

identification

IMPL

initial mandatory parts list

integration training.

Initial entry training in skill level 1 tasks for an individual newly arrived in a unit. Training is limited specifically to tasks associated with the individual organization and equipment of the unit to which the individual is assigned. The unit using training materials supplied by TRADOC, troop schools, or in-service or contract mobile training teams may conduct this training. In all cases, the TRADOC school proponent supports the training. .

ITEP

Individual Training Evaluation Program

MED

medical

METL

mission essential task list

mission essential task

A task derived from important non-combat collective tasks that indirectly support individual and unit performance on the battlefield, or are necessary to ensure battlefield survival of the individual. These tasks and combat-critical tasks comprise the critical tasks for training.

MO

monthly

STP 9-35N13-SM-TG

MOS

military occupational specialty

MOSC

military occupational specialty code

MST

maintenance support team

MTP

MOS training plan

MWO

modification work order

NBC

nuclear, biological, chemical

NCO

noncommissioned officer

NMP

National Maintenance Point

P

pass/passed

para

paragraph

PCB

printed circuit board

performance measures

Those behavior or product characteristics that the trainer observes/checks to determine if the soldier has performed the task correctly.

PMCS

preventive maintenance checks and services

PLL

prescribed load list

QA

quality assurance

QA/QC

quality assurance/quality control

QAR

quality acceptance report

QDR

quality deficiency report

QT

quarterly

RADIAC

radiation detection, identification, and computation

RC

Reserve Component

RDL

Reimer Digital Library

ROP

reorder point

SA

semiannually

SAMS

Standard Army Maintenance System

SAMS-1

Standard Army Maintenance System-Level 1

SAMS-2

Standard Army Maintenance System-Level 2

self-development

A planned, progressive, and sequential program followed by leaders to enhance and sustain their military competencies. Self-development consists of individual study, research, professional reading, practice, and self-assessment.

self-development test

A written test that allows NCOs to measure and guide their growth in the skills and competencies they will need as they continue to develop as leaders.

SF

standard form

shared tasks

Critical tasks performed by soldiers in an MOS for which the MOS proponent is not the task proponent (that is, shared between schools) and critical tasks performed by soldiers from two or more MOSs from the same proponent (that is, shared within a school).

SIGSEC

signal section

SL

skill level

SLAC

support list allowance card

SM

soldier's manual

STP 9-35N13-SM-TG

SMCT

soldier's manual of common tasks

SM/TG

soldiers manual/training guide

SOP

standing operating procedure

SSA

supply support activity

STP

soldier training publication

TAMMS

The Army Maintenance Management System

task summary

A listing in soldier training publications of the conditions, standards, and performance measures, references, and proponent for each individual critical task. It provides the job incumbent and supervisor with the information necessary to prepare, conduct, and evaluate critical task training.

TB

technical bulletin

TG

trainer's guide

TLO

terminal learning objective

TMDE

test measurement and diagnostic equipment

TM

technical manual

TRADOC

(US Army) Training and Doctrine Command

UNIT

trained in the unit

UND

urgency of need designator

WK

weekly

REFERENCES

Required Publications

Required publications are sources that users must read in order to understand or to comply with this publication.

Army Regulations

AR 190-13	The Army Physical Security Program (This Item is Included on EM 0001), 30 September 1993
AR 190-51	Security of Unclassified Army Property (Sensitive and Nonsensitive) (This Item is Included on EM 0001), 30 September 1993
AR 25-11	Record Communications and the Privacy Communications System (This Item is Included on EM 0001), 4 September 1990
AR 25-30	The Army Publishing and Printing Program, 21 June 1999
AR 25-400-2	The Modern Army Record Keeping System (MARKS) (This Item is Included on EM 0001), 1 October 2000
AR 380-19	Information Systems Security (This Item is Included on EM 0001), 27 February 1998
AR 380-40	(O) Policy for Safeguarding and Controlling Communications Security (COMSEC) Material (U), 30 June 2000
AR 380-5	Department of the Army Information Security Program (This Item is Included on EM 0001), 29 September 2000
AR 385-10	The Army Safety Program (This item is included on EM 0001), 23 May 1988
AR 40-5	Preventive Medicine (This Item is Included on EM 0001), 15 October 1990
AR 672-20	Incentive Awards (This Item is Included on EM 0001), 1 June 1993
AR 710-2	Inventory Management Supply Policy Below the Wholesale Level (This Item is on EM 0001), 31 October 1997
AR 725-50	Requisition, Receipt, and Issue System (This Item is Included on EM 0001), 15 November 1995
AR 750-1	Army Materiel Maintenance Policy and Retail Maintenance Operations (This Item is Included on EM 0001), 1 August 1994

Department of Army Forms

DA Form 2028	Recommended Changes to Publications and Blank Forms (This Item is Included on EM 0001), 1 February 1974
DA Form 2062	Hand Receipt/Annex Number (This Item is Included on EM 0001), 1 January 1982
DA Form 2064	Document Register for Supply Actions (This Item is Included on EM 0001), 1 January 1982
DA Form 2402	Exchange Tag, 1 December 1985
DA Form 2404	Equipment Inspection and Maintenance Worksheet (This Item is Included on EM 0001), 1 April 1979
DA Form 2405	Maintenance Request Register, 1 April 1962
DA Form 2407	Maintenance Request, 1 July 1994
DA Form 2407-1	Maintenance Request - Continuation Sheet, 1 July 1994
DA Form 2408-12	Army Aviator's Flight Record (This Item is Included on EM 0001), 1 January 1992

STP 9-35N13-SM-TG

DA Form 2408-13	Aircraft Status Information Record (This Item is Included on EM 0001), 1 October 1991
DA Form 2408-13-1	Aircraft Maintenance and Inspection Record (This Item is Included on EM 0001), 1 October 1997
DA Form 2408-14	Uncorrected Fault Record (This Item is Included on EM 0001), 1 June 1994
DA Form 2410	Component Removal and Repair/Overhaul Record (This Item is Included on EM 0001), 1 October 1997
DA Form 3318	Records of Demands-Title Insert (This Item is Included on EM 0001), 1 January 1982
DA Form 3758-R	Calibration and Repair Requirements Worksheet (LRA) (This Item is Included on EM 0001), 1 December 1996
DA Form 5164-R	Hands-On Evaluation (LRA) (This Item is Included on EM 0001), 1 September 1985
DA Form 5165-R	Field Expedient Squad Book (LRA) (This Item is Included on EM 0001), 1 September 1985
DA Form 5988-E	Equipment Inspection Maintenance Worksheet (EGA), 1 March 1991
DA Form 5990-E	Maintenance Request, 1 March 1991

Department of Army Pamphlets

DA Pam 190-51	Risk Analysis for Army Property (This Item is Included on EM 0001), 30 September 1993
DA Pam 385-1	Small Unit Safety Officer/NCO Guide, 22 September 1993
DA Pam 40-501	Hearing Conservation Program (This Item is Included on EM 0001), 10 December 1998
DA Pam 600-67	Effective Writing for Army Leaders (This Item is Included on EM 0001), 2 June 1986
DA Pam 611-21	Military Occupational Classification and Structure (This Item is Included on EM 0001), 31 March 1999
DA Pam 710-2-1	Using Unit Supply System (Manual Procedures) (Standalone Pub) (This Item is on EM 0001), 31 December 1997
DA Pam 710-2-2	Supply Support Activity Supply System: Manual Procedures (This Item is on EM 0001), 30 September 1998
DA Pam 738-750	Functional Users Manual for The Army Maintenance Management System (TAMMS) (This Item is Included on EM 0001), 1 August 1994
DA Pam 738-751	Functional Users Manual for the Army Maintenance Management System-Aviation (TAMMS-A) (This Item is Included on EM 0001), 15 March 1999

Field Manuals

FM 101-5	Staff Organization and Operations, 31 May 1997
FM 24-16	Communications-Electronics Operations, Orders, Records, and Reports, 7 April 1978
FM 25-100	Training The Force, 15 November 1988
FM 25-101	Battle Focused Training, 30 September 1990
FM 25-4	How to Conduct Training Exercises, 10 September 1984
FM 3-19.30	Physical Security (This Item is Included on EM 0028), 8 January 2001
FM 4-30.3	Maintenance Operations and Procedures, 1 September 2000

Other Product Types

AISM 25-L21-AHN-ZZZ-EM	Standard Army Maintenance System Level 1(SAMS-1) End User Manual, 1 June 1997
DA LABEL 80	U.S. Army Calibrated Instrument, 1 December 1977
DD Form 1574	Serviceable Tag–Materiel, 1 October 1966
DD Form 1574-1	Serviceable Label–Materiel, 1 October 1966
DD Form 1575	Suspended Tag–Materiel, 1 October 1966
DD Form 1575-1	Suspended Label–Materiel, 1 October 1966
DD Form 1576	Test/Modification Tag–Materiel, 1 October 1966
DD Form 1576-1	Test/Modification Label–Materiel, 1 October 1966
DD Form 1577	Unserviceable (Condemned) Tag–Materiel, 1 October 1966
DD Form 1577-1	Unserviceable (Condemned) Label–Materiel, 1 October 1966
DD Form 1577-2	Unserviceable (Repairable) Tag–Materiel, 1 October 1966
DD Form 1577-3	Unserviceable (Repairable) Label–Materiel, 1 October 1966
DD Form 173/1	Joint Message Form, 1 March 1979
DD Form 2332	Materiel Deficiency Exhibit, 1 May 1984
DD Form 314	Preventive Maintenance Schedule and Record (This Item is Included on EM 0001), 1 December 1953
FEDLOG	S&I Cdr, USAMC Logistics Support, 1 October 2000
SF 368	Product Quality Deficiency Report (This Item is Included on EM 0001), 1 October 1985
STP 21-1-SMCT	STP 21-1-SMCT, Soldier's Manual of Common Tasks (SMCT) Skill Level I, 1 October 2001

Soldier Training Publications

STP 21-24-SMCT	Soldier's Manual Of Common Tasks (SMCT) Skill Level 2-4, 1 October 1992
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Technical Bulletins

TB 385-3	Fire Prevention and Protection: Military Gasoline Cans, 7 June 1968
TB 385-4	Safety Requirements for Maintenance of Electrical and Electronic Equipment (This Item is Included on EM 0128), 1 August 1992
TB 43-0001-Series	Equipment Improvement Report and Maintenance Digest for Tank, Automotive, Armament and Chemical Equipment, 1 October 2000
TB 43-180	Calibration and Repair Requirements for the Maintenance of Army Materiel (This Item is Included on EM 0022), 1 December 2000
TB 750-25	Maintenance of Supplies and Equipment: Army Test, Measurement and Diagnostic Equipment (TMDE) Calibration and Repair Support (C&RS) Program (This Item is Included on EM 0022), 1 March 1997
TB MED 523	Control of Hazards to Health from Microwave and Radio Frequency Radiation and Ultrasound, 15 July 1980

Technical Manuals

TM 11-5805-201-12	Operator's and Unit Maintenance Manual for Telephone Sets, TA-312/PT (NSN 5805-00-543-0012) and TA-312A/PT (NSN 5805-01-217-7310) (TO 31W1-2PT-291), 1 August 1990
TM 11-5805-201-23P	Organizational and Direct Support Maintenance Repair Parts and Special Tools Lists for Telephone Sets TA-312/PT (NSN 5805-00-543-0012) and TA-312A/PT (5805-00-217-7130), 1 January 1987

STP 9-35N13-SM-TG

TM 11-5805-201-35	Direct Support, General Support, and Depot Maintenance Manual for Telephone Sets TA-312/PT (NSN 5805-00-543-0012) and TA-312A/PT (5805-00-217-7130) TO 31W1-2PT-292, 15 September 1967
TM 11-5805-243-13	Operator's, Unit, and Intermediate Direct Support Maintenance Manual for Telephone Set TA-312/PT, 15 September 1987
TM 11-5805-262-12	Operator's and Unit Maintenance Manual for Switchboards, Telephone, Manual, SB-22/PT (NSN 5805-00-257-3602) and SB- 22A/PT (5805-00-715-6171) (Including Tone Signaling Adapter TA-977/PT, 15 June 1990
TM 11-5805-262-20P	Organizational Maintenance Repair Parts and Special Tools List for Switchboards, Telephone, Manual, SB-22/PT (NSN 5805-00-257-3602) and SB-22A/PT (5805-00-715-6171), 22 May 1978
TM 11-5805-262-34	Direct Support and General Support Maintenance Manual for Switchboards, Telephone, Manual, SB-22/PT (NSN 5805-00-257- 3602) and SB-22A/PT (5805-00-715-6171) (Including Tone Signaling Adapter TA-977/PT), 28 September 1983
TM 11-5805-262-34P	Direct Support and General Support Maintenance Repair Parts and Special Tools Lists (Including Depot Maintenance Repair Parts and Special Tools) for Switchboards, Manual SB-22/PT and SB-22A/PT, 22 May 1978
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By Order of the Secretary of the Army:

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